

**EMS system / EMS-System / Le système EMS**

**RECOGNISED BREEDS  
ANERKANNTES RASSEN  
RACES RECONNUES**

ABY	Abyssinian / Abessinier / Abyssin
ACL	American Curl Longhair / Langhaar / Poils Longs
ACS	American Curl Shorthair Kurzhaar / Poils Courts
BAL	Balinese / Balinese / Balinais
BEN	Bengal
BLH	British Longhair / Britisch Langhaar / British Poils Longs
BML	Burmilla
BSH	British Shorthair / Britisch Kurzhaar / British Poils Courts
BUR	Burmese / Burma
CHA	Chartreux / Kartäuser
CRX	Cornish Rex / Rex Cornish
CYM	Cymric
DRX	Devon Rex / Rex Devon
DSP	Don Sphynx
EUR	European / Europäer / Européen
EXO	Exotic
GRX	German Rex / Rex German
JBS	Japanese Bobtail Shorhair / Japanischer Bobtail Kurzhaar / Bobtail Japonais Poils Courts
KBL	Kurilian Bobtail Longhair / Kurilischer Bobtail Langhaar / Bobtail Kourilien Poils Longs
KBS	Kurilian Bobtail Shorthair / Kurilischer Bobtail Kurzhaar / Bobtail Kourilien Poils Courts
KOR	Korat
LPL	LaPerm Longhair / Langhaar / Poils Longs
LPS	LaPerm Shorthair / Kurzhaar / Poils Courts
MAN	Manx
MAU	Egyptian Mau / Ägyptische Mau / Mau Egyptien
MCO	Maine Coon
NEM	Neva Masquerade
NFO	Norwegian Forest Cat / Norwegische Waldkatze / Chat de Bois Norvégien
OCI	Ocicat
OLH	Oriental Longhair / Orientalisch Langhaar / Oriental Poils Longs
OSH	Oriental Shorthair / Orientalisch Kurzhaar / Oriental Poils Courts
PEB	Peterbald
PER	Persian / Perser / Persan
RAG	Ragdoll
RUS	Russian Blue / Russisch Blau / Bleu Russe
SIA	Siamese / Siamesen / Siamois
SBI	Sacred Birman / Heilige Birma / Sacré de Birmanie
SIB	Siberian / Sibirer / Sibérien
SIN	Singapura
SNO	Snowshoe
SOK	Sokoke
SOM	Somali
SPH	Sphynx
SRL	Selkirk Rex Longhair / Langhaar / Rex Selkirk Poils Longs
SRS	Selkirk Rex Shorthair / Kurzhaar / Rex Selkirk Poils Courts
THA	Thai / Thaï
TUA	Turkish Angora / Türkisch Angora / Angora Turc
TUV	Turkish Van / Türkisch Van / Van Turc

**NON-RECOGNISED BREEDS  
NICHT ANERKANNTES RASSEN  
RACES NON-RECONNUES**

PRELIMINARY ABBREVIATIONS  
VORLÄUFIGE ABKÜRZUNGEN  
ABRÉVIATIONS PRÉLIMINAIRE

ABL non	American Bobtail Longhair Bobtail / Amerikanische Bobtail Langhaar / Américain Poils Longs
ABS non	American Bobtail Shorthair / Amerikanische Bobtail Kurzhaar / Bobtail Américain Poils Courts
ALH non	Asian Longhair / Asiatisch Langhaar / Asiatique Poils Longs
AMS non	American Shorthair / Amerikanisch Kurzhaar / Américain Poils Courts
AMW non	American Wirehair / Amerikanisch Drahthaar / Wirehair Américain
ASH non	Asian Shorthair / Asiatisch Kurzhaar / Asiatique Poils Courts
AUM non	Australian Mist
BRX non	Bohemian Rex / Rex Bohemien
JBL non	Japanese Bobtail Longhair / Japanischer Bobtail Langhaar / Bobtail Japonais Poils Longs
MBT non	Mekong Bobtail
NEB non	Nebelung
RGM non	RagaMuffin
TGR non	Toyger
TIF non	Tiffanie
TOL non	Tonkanese Longhair / Langhaar / Tonkinois Poils Longs
TOS non	Tonkanese Shorthair / Kurzhaar / Tonkinois Poils Courts

OTHER NON-RECOGNISED BREEDS  
SONSTIGE NICHT ANERKANNTES RASSEN  
AUTRE RACES NON-RECONNUES

XLH	non-recognised longhaired breeds nicht anerkannte Langhaarrassen races poils longs non-reconnues
XSH	non-recognised shorthaired breeds nicht anerkannte Kurzhaarrassen races poils courts non-reconnues

**HOUSECAT  
HAUSKATZE  
CHAT DE MAISON**

HCL	Housecat Longhair / Hauskatze Langhaar / Chat de maison Poils Longs
HCS	Housecat Shorthair / Hauskatze Kurzhaar / Chat de maison Poils Courts

The EMS codes for housecats are only to be used for show purposes.  
Die EMS-Codes für Hauskatzen dürfen nur für Ausstellungszwecke  
benutzt werden.  
Les codes EMS pour les chats de maison doivent être appliqués  
seulement pour l'exposition.

**PRELIMINARY RECOGNISED BREEDS  
PROVISORISCH ANERKANNTES RASSEN  
RACES DE RECONNAISSANCE PRÉLIMINAIRE**

**BOM** Bombay  
**LYO** Lykoi

**PRELIMINARY RECOGNISED VARIETIES  
PROVISORISCH ANERKANNTES VARIÉTÄTEN  
VARIÉTÉS DE RECONNAISSANCE PRÉLIMINAIRE**

Currently no varieties in preliminary recognition phase  
Zurzeit keine Varietäten in der provisorischen Anerkennungsphase  
Actuellement aucune variété en phase de reconnaissance  
préliminaire

**Non-recognised / Nicht anerkannt / Non-reconnue**

non	non-recognised breed nicht anerkannte Rasse race non-reconnue
x	non-recognised variety nicht anerkannte Varietät variété non-reconnue

**Colours / Couleurs / Farben**

*	stands for additional information following the EMS system, i.e. lower case letter of the basic colour, and so on
*	bedeutet zusätzlicher Information gemäss dem EMS-System, d. h. Kleinbuchstabe der Basisfarbe, usw.
*	signifie information supplémentaire suivant le système EMS, c'est à dire minuscule du couleur fondamental, et ainsi de suite
n	black / schwarz / noir
a	blue / blau / bleu
b	chocolate / chocolat
c	lilac / lila / lilas
d	red / rot / roux
e	cream / creme / crème
f	black tortie / schwarz schildpatt / écaille noir
g	blue tortie / blau schildpatt / écaille bleu
h	chocolate tortie / chocolate schildpatt / écaille chocolat
j	lilac tortie / lila schildpatt / écaille lilas
o	cinnamon / canelle
p	fawn / faon
q	cinnamon tortie / cinnamon schildpatt / écaille cannelle
r	fawn tortie / fawn schildpatt / écaille faon
w	white / weiss / blanc

**Dilute modifier / Modificateur de dilution (m)**

m	dilute modifier / modificateur de dilution
x am	caramel known to be based on blue Karamel, auf blauer Basis basierend caramel connu pour être basé sur du bleu
x cm	caramel known to be based on lilac Karamel, auf lila Basis basierend caramel connu pour être basé sur du lilas
x pm	caramel known to be based on fawn Karamel, auf fawn Basis basierend caramel connu pour être basé sur du faon
x em	apricot known to be based on cream Aprikot, auf creme Basis basierend abricot connu pour être basé sur du crème
x *m	caramel where base colour is unknown Karamel, wo die Basisfarbe nicht bekannt ist caramel dont la couleur de base n'est pas connue

**Agouti modifier / Modificateur agouti (t)**

**Amber / Ambre** (only for / nur für / seulement pour NFO):

nt	amber / ambre
at	light amber / hell amber / ambre clair
dt (d)	red based on amber / rot, auf amber basierend / roux basé sur d'ambre
et (e)	cream based on amber / creme, auf amber basierend / crème basé sur d'ambre
ft	amber tortie / amber schildpatt / écaille ambre
gt	light amber tortie / hell amber schildpatt / écaille ambre clair

**The EMS codes "dt (d)" and "et (e)" may only be used for registration purposes.**  
The EMS codes "dt" and "et" may only be used to register the genotype of red/cream progeny from two amber cats always together with their phenotype "d" respectively "e" in brackets.

**Der EMS Codes "dt (d)" und "et (e)" dürfen nur für Registrationszwecken verwendet werden.**  
Der EMS Codes "dt" und "et" dürfen nur gebraucht werden, um den Genotyp von rot/creme Nachkommen von zwei Amber Katzen, immer zusammen mit ihrem Phänotyp "d" respektive "e" in Klammern, zu registrieren.

**Les codes EMS "dt (d)" et "et (e)" doivent uniquement être utilisés à des fins d'enregistrement.**  
Les codes EMS "dt" et "et" doivent uniquement être utilisé pour enregistrer le génotype de la descendance roux/creme de deux chats de couleur ambre, toujours accompagnés du phénotype "d" et "e" entre parentheses.

**Charcoal** (only for / nur für / seulement pour BEN):  
x \*t charcoal

**Silver / Silber, Golden**

s	silver / silber / silver
y	golden

**Amount of white / Weissanteil / Quantité de blanc**

01	van
02	harlequin / harlekin / arlequin
03	bicolour / bicolore
04	mitted (only for / nur für / seulement pour RAG)
05	Showshoe pattern / Snowshoe Muster / dessin de Snowshoe (only for / nur für / seulement pour SNO)
09	unspecified amount of white mit beliebigem Anteil an Weiss quantité de blanc non définié

**Patterns / Muster / Dessins**

11	shaded (for / für / pour BLH/BSH: tipped)
12	shell (not for / nicht für / pas pour BLH/BSH)
21	tabby
22	tabby blotched / gestromt / blotched
23	tabby mackerel / getigert / tigré
24	tabby spotted / getupft / moucheté
25	tabby ticked / ticketé

**Pointed**

31	Burmese pointed
32	Tonkinese pointed
33	Siamese pointed

**Tail / Schwanz / Queue**

51	rumpy
52	rumpy riser
53	stumpy
54	longie

**Eye colours / Couleurs des yeux / Augenfarben**

61	deep blue / dunkelblau / bleu foncé
62	copper or deep orange / kupferfarben oder dunkelorange / cuivre ou orange foncé
63	odd eyed: one deep blue eye, the other one according to the standard for the breed / zweierlei Augenfarben: ein Auge dunkelblau, das andere entsprechend dem Standard der jeweiligen Rasse / yeux impairs : un oeil bleu foncé et l'autre en harmonie avec le standard selon la race considérée
64	green / grün / vert
65	golden yellow – Burmese eye colour / goldgelb – Burmesen Augenfarbe / jaune doré – couleur des yeux de Burmese
66	aquamarine (bluish-green) – Tonkinese eye colour / aquamarine (blaugrün) – Tonkinesen Augenfarbe / aigue-marine (bleu-vert) – couleur des yeux de Tonkinois
67	intense deep blue – Siamese eye colour/ intensives tiefes blau – Siamesen Augenfarbe / bleu intense et profond – couleur des yeux de Siamois
x 68	albino

**Ears / Ohren / Orelles**

71	straight ears / gerade Ohren / orelles droites
72	curled ears / gekrümmte Ohren (curled) / orelles recourbées

**Coat structure / Fellstruktur / Structure de poil**

only for / nur für / seulement pour DSP/PEB:	
81	longhair / Langhaar / poils longs
82	shorthair / Kurzhaar / poils courts
83	brush
only for / nur für / seulement pour LPL/LPS, <b>LYO</b> , SRL/SRS:	
84	straight coat / glattes Fell / fourrure raide ( <b>LYO: non-roan</b> )

## FIFe EMS system – user guidelines

The FIFe Easy Mind System (EMS) is a system used to describe cats by codes.

The code for a specific colour, pattern or other trait is always the same, no matter the breed.

The EMS system is intended to be both easy and logical. With a little practice anyone should be able to speak EMS as fluently as his native tongue.

General principles and restrictions	Tabby patterns (11-12, 21-25)	Eye colour (61-67)
<p>Please note the following general principles and restrictions:</p> <ul style="list-style-type: none"> <li>• an asterisk (*) stands for any information according to the EMS System</li> <li>• individual EMS codes will always be separated from each other by a space, unless specifically indicated otherwise</li> <li>• individual numerical EMS codes are always shown in ascending order</li> <li>• if a breed is limited to only one specific occurrence of a trait, the code for this trait is never used in that full EMS code.</li> </ul>	<p>If the cat is agouti, the code of the pattern code must be indicated.  <b>PER * 11</b>  <b>BSH * 22</b></p> <p>EMS code 12 (shell) is not applicable to BLH/BSH: always apply EMS code 11 with description "tipped" for tipped cats, regardless if the cat is shaded or shell.</p> <p>If the cat's breed is limited to only one pattern, do not use any additional code for pattern.  <b>ABY n (and not ABY n 25)</b>  <b>SOM n (and not SOM n 25)</b>                      Exception:  <b>OCI * 24 (and not OCI *)</b></p>	<p>The code for eye colour <u>must</u> be used if:</p> <ul style="list-style-type: none"> <li>• the cat is white ("w") <b>or</b></li> <li>• the cat is non-pointed and has an amount of white (01, 02) <b>or</b></li> <li>• <b>the cat is non-pointed with blue eyes (61).</b>  <b>PER * 02 61, PER * 02 62, PER * 02 63</b>  <b>SIB w 61, SIB w 62, SIB w 63, SIB w 64</b>  <b>TUV * 61, TUV * 62, TUV * 63</b>  <b>MAN w 61, MAN w 62, MAN w 63, etc.</b></li> </ul> <p>The code for eye colour also <u>must</u> be used for EXO/PER or BLH/BSH if:</p> <ul style="list-style-type: none"> <li>• the cat is silver tabby without white <b>and</b></li> <li>• its variety is not limited to one eye colour.  <b>PER *s 22 62, PER *s 22 64</b>  <b>BSH *s 23 62, BSH *s 23 64</b></li> </ul>
<p><b>Breeds</b></p> <p>The names of the breeds are always indicated in three capital letters.  <b>BSH, PER</b></p>	<p>If the cat's breed is limited to only one colour/pattern, do not use any additional code for colour nor for pattern.  <b>SOK (and not SOK n 22)</b>  <b>SIN (and not SIN n 25)</b></p>	<p>The code for eye colour is <u>never</u> used if:</p> <ul style="list-style-type: none"> <li>• the cat's breed is ABY, BEN, BML, OCI, SOK or SOM</li> <li>• the cat's breed is limited to only one eye colour  <b>SBI * (and not SBI * 67)</b>  <b>NEM * 02 (and not NEM * 02 67)</b>  <b>BUR * (and not BUR * 65)</b>  <b>RUS (and not RUS 64)</b>  <b>SIA * (and not SIA * 67)</b>                      Exception:  <b>SIA/BAL w 67 (and not SIA/BAL w)</b></li> </ul>
<p><b>Non-recognised breeds (non)</b></p> <p>If the cat belongs to a non-recognised breed, always put "non" after the breed code.  <b>BRX non, RGM non</b></p>	<p>The tabby pattern for cats with the amount of white 03 or 09 must be identifiable (22-25) and the code 21 may not be used.  <b>PER * 03 22 (and not PER * 03 21)</b>  <b>MCO * 03 23 (and not MCO * 03 21)</b>  <b>CRX * 09 24 (and not CRX * 09 21)</b></p>	<ul style="list-style-type: none"> <li>• <b>the cat's variety is limited to only one eye colour</b>  <b>BSH a (and not BSH a 62)</b>  <b>CRX * 01 32 (and not CRX * 01 32 66)</b>  <b>MAU ns 24 (and not MAU ns 24 64)</b></li> </ul>
<p><b>Non-recognised varieties (x)</b></p> <p>If the cat belongs to a non-recognised variety, write an "x" before the colour code.  <b>BSH x dy 11, BSH x ny 03 24, PER x o</b></p>	<p>Since it is often hard to determine the type of tabby pattern, code 21 must always be used in case of:</p> <ul style="list-style-type: none"> <li>• tabby pointed, hairless or flock cats  <b>RAG * 04 21 (and not RAG * 04 22-25)</b>  <b>SPH * 03 21 (and not SPH * 03 22-25)</b>  <b>SIA * 21 (and not SIA * 22-25)</b></li> <li>• tabby cats with van (01) or harlequin (02) pattern, including tabby TUV  <b>PER * 01 21 (and not PER * 01 22-25)</b>  <b>MCO * 02 21 (and not MCO * 02 22-25)</b>  <b>TUV * 21 (and not TUV * 22-25)</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>the cat's variety is bicolour (03) or with any amount of white (09)</b>  <b>PER * 03 (and not PER * 03 62)</b>  <b>MCO * 09 (and not MCO * 09 63)</b>  <b>BSH * 03 24 (and not BSH * 03 24 64)</b>                      Exceptions:  <b>BLH/BSH bicolour silver tabby varieties and PEB * 03/09 (see their standards)</b></li> </ul>
<p><b>Colours (a, b, c, etc.)</b></p> <p>The colour codes are always indicated in lower case letters.  <b>ABY p, BSH a</b></p> <p>If the cat's breed is limited to only one colour and the cat does not show any pattern, do not use any colour code.  <b>RUS (and not RUS a)</b>  <b>BOM (and not BOM n)</b></p>	<p>The codes 11, 12, 22, 23, 24 and 25 may not be used here, regardless of the cat's genotype or phenotype.                      Exception:  <b>For BLH/BSH, code 11 must be used for silver tipped pointed and golden tipped pointed varieties.</b></p>	<ul style="list-style-type: none"> <li>• the cat's breed is EUR or its breed is judged in groups, always except for white (w) and non-pointed van (01) / harlequin (02) varieties  <b>MCO n (and not MCO n 62)</b>  <b>NFO ns 22 (and not NFO ns 22 62)</b>  <b>EUR ns 23 (and not EUR ns 23 64)</b></li> </ul>
<p><b>Silver (s) / golden (y)</b></p> <p>If the cat shows silver or golden, it will always have a lower case "s" or "y", which is not separated by a space from its main colour code(s).  <b>BSH *s, PER *y, RAG x as 03</b></p> <p>The code for silver or for golden may not be used for hairless and flock varieties of SPH, DSP and PEB, regardless of the cat's genotype.</p>	<p><b>Pointed patterns (31-33)</b></p> <p>If the cat is pointed, always use the appropriate code.  <b>PER * 33</b>  <b>SPH * 32</b></p> <p>If the cat's breed is limited to only one pointed variety, do not use any code for pointed.  <b>SBI * (and not SBI * 33)</b>  <b>BUR * (and not BUR * 31)</b>  <b>SIA * (and not SIA * 33)</b>  <b>TOS non * (and not TOS non * 32)</b></p>	<p><b>Ears (71-72)</b></p> <p>These codes are only applicable to ACL/ACS. Code 71 is a non-recognised variety for ACL/ACS.  <b>ACL x * 71</b></p>
<p><b>Modifiers (m, t)</b></p> <p>The code for dilute modifier "m" is applicable to for example Siamese.  <b>SIA x *m</b></p> <p>The modifier code "t" is only applicable to BEN (charcoal) and NFO (amber).  <b>BEN x nt 24, NFO *ts</b></p> <p>The code for modifier is not separated by a space from its main colour code.</p>	<p><b>Tail (51-54)</b></p> <p>These codes are only applicable to MAN and CYM. Code 54 is a non-recognised variety for MAN/CYM.  <b>MAN x * 54</b></p>	<p><b>Coat structure (81-84)</b></p> <p>The codes for coat structure are applicable to DSP and PEB (81, 82, 83), LPL/LPS (84), <b>LYO (84)</b> and SRL/SRS (84).  <b>DSP x * 83</b>  <b>LPL x * 84</b>  <b>LYO x * 84</b>  <b>PEB * 83</b></p>
<p><b>Amount of white (01-09)</b></p> <p>If the cat shows an amount of white, write the code for that amount of white.  <b>PER * 01, BSH * 03</b></p> <p>Code 04 is only applicable to RAG.                      Code 05 is only applicable to SNO.                      If the cat's breed is limited to only one kind of white spotting, do not use any code.  <b>TUV * (and not TUV * 01)</b></p>		<p>The codes 81-84 are also applicable to cats resulting from crossbreeding (→ Breeding &amp; Registration Rules § 9).</p>