see similar files: http://farbe.li.tu-berlin.de/VE99/VE99.HTM
technical information: http://farbe.li.tu-berlin.de/ or http://130.149.60.45/~farbmetrik/

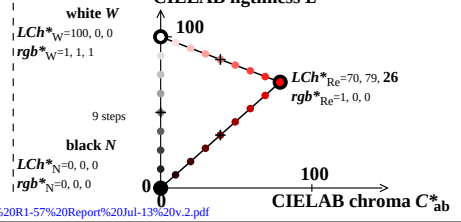
TUB registration: 20200801-VE99/VE99L0NP.PDF /.PS
application for measurement of display or print output
TUB material: code=rha4ta

rgb* input and ***LCh**** output of ***Ostwald*** colours

Color	*rgb**	*LCh**
R_e elementary red	**1 0 0**	70, 79, **26**
Y_e elementary yellow	**1 1 0**	93, 142, **92**
G_e elementary green	**0 1 0**	83, 125, **162**
B_e elementary blue	**0 0 1**	50, 85, **272**
N black	**0 0 0**	0, 0, 0
W white	**1 1 1**	100, 0, 0

Elementary-hue angles of CIE R1-47, see
http://web.archive.org/web/20160304130704/http://files.cie.co.at/526.pdf
Ostwald colours in CIELAB of CIE R1-57, see
http://web.archive.org/web/20150413002133/http://files.cie.co.at/716_CIE%20R1-57%20Report%20Jul-13%20v.2.pdf

Ostwald **colours (9 steps) in CIELAB colour space**



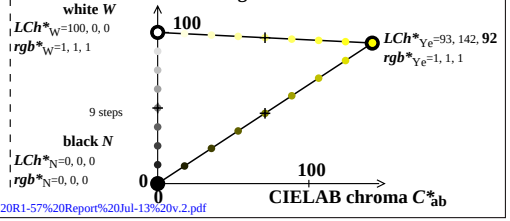
VE990−1N

rgb* input and ***LCh**** output of ***Ostwald*** colours

Color	*rgb**	*LCh**
R_e elementary red	**1 0 0**	70, 79, **26**
Y_e elementary yellow	**1 1 0**	93, 142, **92**
G_e elementary green	**0 1 0**	83, 125, **162**
B_e elementary blue	**0 0 1**	50, 85, **272**
N black	**0 0 0**	0, 0, 0
W white	**1 1 1**	100, 0, 0

Elementary-hue angles of CIE R1-47, see
http://web.archive.org/web/20160304130704/http://files.cie.co.at/526.pdf
Ostwald colours in CIELAB of CIE R1-57, see
http://web.archive.org/web/20150413002133/http://files.cie.co.at/716_CIE%20R1-57%20Report%20Jul-13%20v.2.pdf

Ostwald **colours (9 steps) in CIELAB colour space**



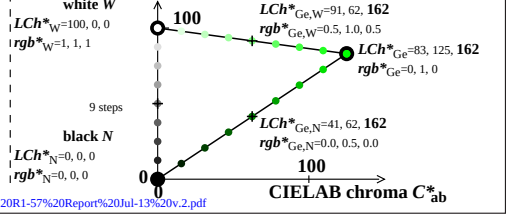
VE990−3N

rgb* input and ***LCh**** output of ***Ostwald*** colours

Color	*rgb**	*LCh**
R_e elementary red	**1 0 0**	70, 79, **26**
Y_e elementary yellow	**1 1 0**	93, 142, **92**
G_e elementary green	**0 1 0**	83, 125, **162**
B_e elementary blue	**0 0 1**	50, 85, **272**
N black	**0 0 0**	0, 0, 0
W white	**1 1 1**	100, 0, 0

Elementary-hue angles of CIE R1-47, see
http://web.archive.org/web/20160304130704/http://files.cie.co.at/526.pdf
Ostwald colours in CIELAB of CIE R1-57, see
http://web.archive.org/web/20150413002133/http://files.cie.co.at/716_CIE%20R1-57%20Report%20Jul-13%20v.2.pdf

Ostwald **colours (9 steps) in CIELAB colour space**



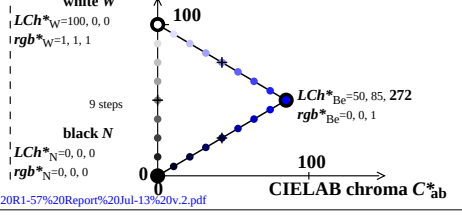
VE990−5N

rgb* input and ***LCh**** output of ***Ostwald*** colours

Color	*rgb**	*LCh**
R_e elementary red	**1 0 0**	70, 79, **26**
Y_e elementary yellow	**1 1 0**	93, 142, **92**
G_e elementary green	**0 1 0**	83, 125, **162**
B_e elementary blue	**0 0 1**	50, 85, **272**
N black	**0 0 0**	0, 0, 0
W white	**1 1 1**	100, 0, 0

Elementary-hue angles of CIE R1-47, see
http://web.archive.org/web/20160304130704/http://files.cie.co.at/526.pdf
Ostwald colours in CIELAB of CIE R1-57, see
http://web.archive.org/web/20150413002133/http://files.cie.co.at/716_CIE%20R1-57%20Report%20Jul-13%20v.2.pdf

Ostwald **colours (9 steps) in CIELAB colour space**



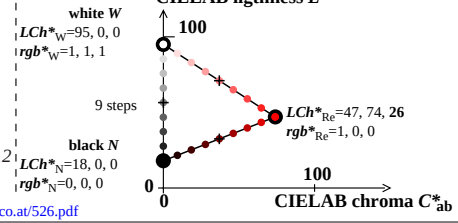
VE990−7N

rgb* input and ***LCh**** output of ***Offset*** colours

Color	*rgb**	*LCh**
R_e elementary red	**1 0 0**	47, 74, **26**
Y_e elementary yellow	**1 1 0**	86, 88, **92**
G_e elementary green	**0 1 0**	53, 57, **162**
B_e elementary blue	**0 0 1**	42, 45, **272**
N black	**0 0 0**	18, 0, 0
W white	**1 1 1**	95, 0, 0

Data according to test chart DIN 33872-2, p.9-12
http://farbe.li.tu-berlin.de/A/33872E.html
Elementary-hue angles of CIE R1-47, see
http://web.archive.org/web/20160304130704/http://files.cie.co.at/526.pdf

Offset **colours (9 steps) in CIELAB colour space**



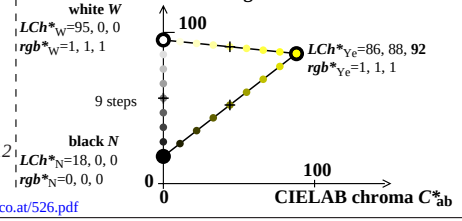
VE991−1N

rgb* input and ***LCh**** output of ***Offset*** colours

Color	*rgb**	*LCh**
R_e elementary red	**1 0 0**	47, 74, **26**
Y_e elementary yellow	**1 1 0**	86, 88, **92**
G_e elementary green	**0 1 0**	53, 57, **162**
B_e elementary blue	**0 0 1**	42, 45, **272**
N black	**0 0 0**	18, 0, 0
W white	**1 1 1**	95, 0, 0

Data according to test chart DIN 33872-2, p.9-12
http://farbe.li.tu-berlin.de/A/33872E.html
Elementary-hue angles of CIE R1-47, see
http://web.archive.org/web/20160304130704/http://files.cie.co.at/526.pdf

Offset **colours (9 steps) in CIELAB colour space**



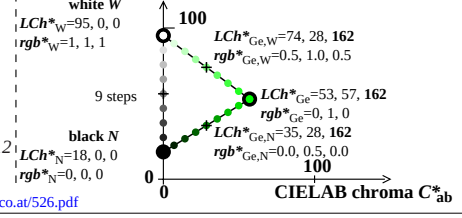
VE991−3N

rgb* input and ***LCh**** output of ***Offset*** colours

Color	*rgb**	*LCh**
R_e elementary red	**1 0 0**	47, 74, **26**
Y_e elementary yellow	**1 1 0**	86, 88, **92**
G_e elementary green	**0 1 0**	53, 57, **162**
B_e elementary blue	**0 0 1**	42, 45, **272**
N black	**0 0 0**	18, 0, 0
W white	**1 1 1**	95, 0, 0

Data according to test chart DIN 33872-2, p.9-12
http://farbe.li.tu-berlin.de/A/33872E.html
Elementary-hue angles of CIE R1-47, see
http://web.archive.org/web/20160304130704/http://files.cie.co.at/526.pdf

Offset **colours (9 steps) in CIELAB colour space**



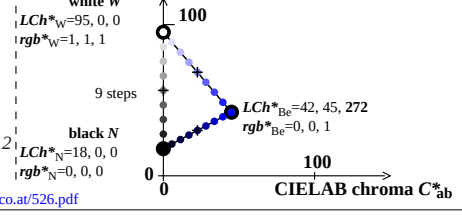
VE991−5N

rgb* input and ***LCh**** output of ***Offset*** colours

Color	*rgb**	*LCh**
R_e elementary red	**1 0 0**	47, 74, **26**
Y_e elementary yellow	**1 1 0**	86, 88, **92**
G_e elementary green	**0 1 0**	53, 57, **162**
B_e elementary blue	**0 0 1**	42, 45, **272**
N black	**0 0 0**	18, 0, 0
W white	**1 1 1**	95, 0, 0

Data according to test chart DIN 33872-2, p.9-12
http://farbe.li.tu-berlin.de/A/33872E.html
Elementary-hue angles of CIE R1-47, see
http://web.archive.org/web/20160304130704/http://files.cie.co.at/526.pdf

Offset **colours (9 steps) in CIELAB colour space**



VE991−7N