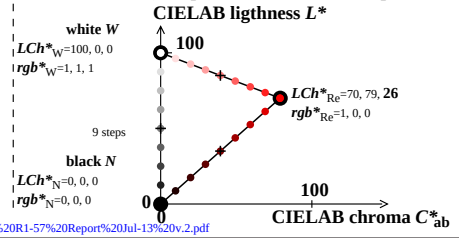
*rgb** input and *LCh** output of *Ostwald* colours

| 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



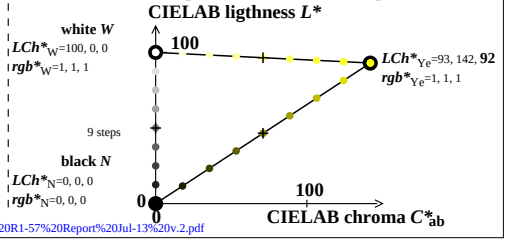

VE990−1N

*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



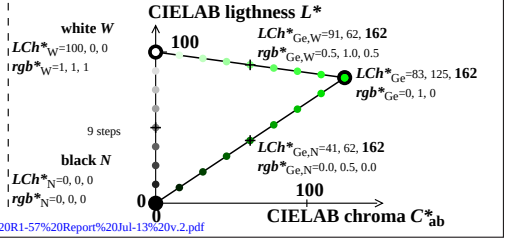

VE990−3N

*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



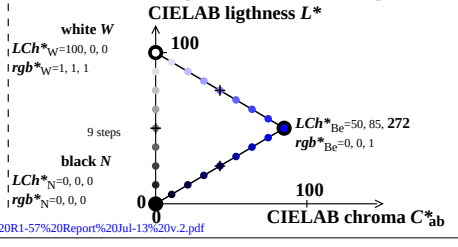

VE990−5N

*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



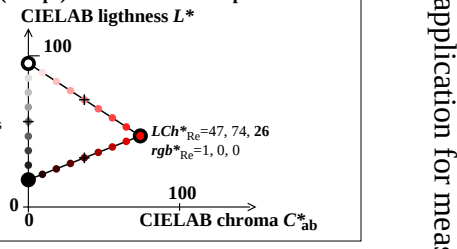

VE990−7N

*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



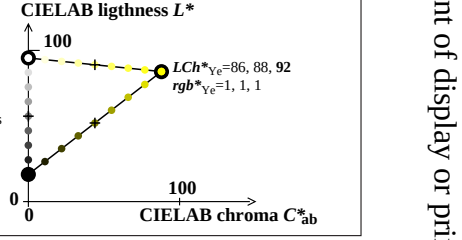

VE991−1N

*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



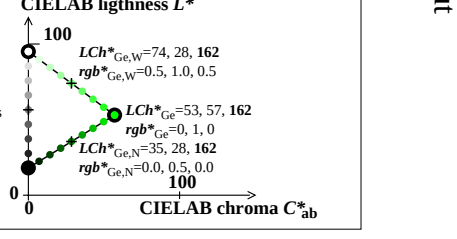

VE991−3N

*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



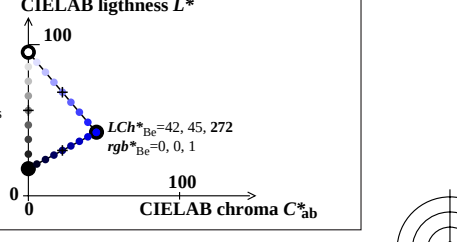

VE991−5N

*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



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/VE99L0NA.TXT /.PS
application for measurement of display or print output
TUB material: code=rha4ta