

Converting Colors

CIELCh(58, 3.503, 60.245)

Have a look what the booklet for
CIELCh(58, 3.503, 60.245) contains.

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Color

CIELCh(58, 3.584, 58.685)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 918A86 |
| RGB | 145, 138, 134 |
| RGB Percent | 57%, 54%, 53% |
| CMY | 0.4310, 0.4584, 0.4741 |
| CMYK | 0.00, 0.05, 0.08, 0.43 |
| HSL | 22°, 5%, 55% |
| HSV | 22°, 8%, 57% |
| XYZ | 25.1100, 25.9610, 26.2804 |
| YIQ | 139.6370, 5.4560, 0.2400 |

Conversions

Conversions Part 2

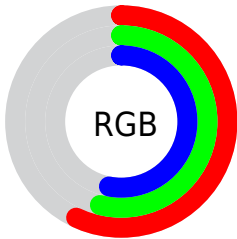
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 145, 140, 134 |
| Decimal | 9538182 |
| CIE _{Lab} | 58.00, 1.86, 3.06 |
| CIE _{LCh} | 58, 3.584, 58.685 |
| Yxy | 25.9610, 0.3246, 0.3356 |
| Android (android.graphics.Color) | 4287728262 (0xFF918A86) |
| YUV | 139.6370, -2.7790, 4.7034 |
| Hunter-Lab | 50.9519, -1.1980, 5.0852 |

Details

The CIELCh color **58, 3.584, 58.685** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **58, 3.471, 240.306**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 3.662, 55.091**, and **38, 3.910, 58.416** is the 20% darker color. If you saturate the color by 10%, you get **55, 8.593, 57.917**, and if you desaturate by 10%, it is **61, 1.114, 240.029**.

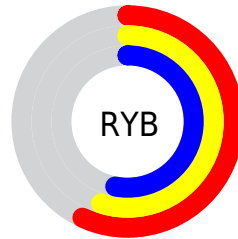
Distribution



Red (57%)

Green (54%)

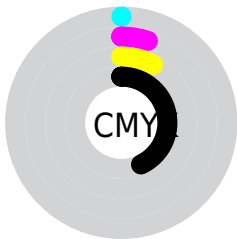
Blue (53%)



Red (57%)

Yellow (55%)

Blue (53%)

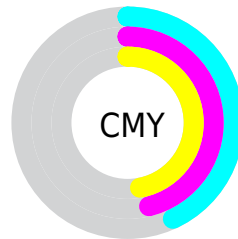


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (43%)



Cyan (43%)

Magenta (46%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 3.584, 58.685 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 58, 3.584, 58.685 by changing the saturation by 10% instead.

 58, 3.584, 58.685  58, 3.584, 58.685

 100, 3.584, 58.685  48, 3.584, 58.685

 78, 3.584, 58.685  38, 3.584, 58.685

 88, 3.584, 58.685  28, 3.584, 58.685

 98, 3.584, 58.685  18, 3.584, 58.685

 8, 3.584, 58.685

 0, 3.584, 58.685

 58, 3.584, 58.685  58, 3.584, 58.685

 55, 8.593, 57.917  61, 1.114, 240.029

 52, 13.943, 57.111  64, 5.534, 240.653

■ 50, 19.662, 56.346

■ 67, 9.707, 241.512

■ 47, 25.760, 55.640

■ 70, 13.664,
242.378

■ 44, 32.222, 54.997

■ 73, 17.430,
243.234

■ 42, 38.973, 54.395

■ 40, 45.821, 53.759

■ 76, 21.028,
244.070

■ 37, 52.342, 52.895

■ 79, 24.480,
244.884

■ 36, 58.072, 51.698

■ 82, 27.802,
245.671

■ 85, 28.119,
237.862

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58, 3.584, 58.685



58, 3.471, 240.306

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58, 3.584, 58.685



58, 3.584, 108.685



58, 3.584, 238.685



58, 3.584, 288.685

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58, 3.584, 58.715



76, 1.147, 58.912



57, 5.958, 336.859



40, 0.650, 58.897



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58, 3.584, 58.715



73, 5.300, 58.593



59, 5.302, 102.433



29, 2.648, 58.595



33, 56.389, 51.792



1, 1.743, 59.475

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58, 3.471, 240.306



74, 5.093, 240.455



57, 5.369, 284.101



29, 2.545, 240.453



35, 33.629, 265.600



1, 1.744, 239.492

Previews

White Background



This preview shows how the CIELCh color 58, 3.584, 58.685 looks on a white background.

Color Contrast Check

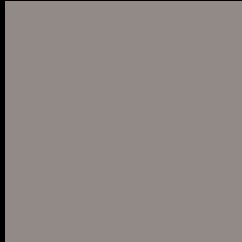
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 58, 3.584, 58.685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

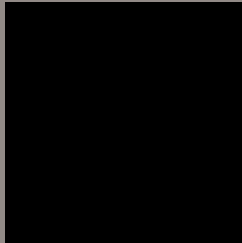
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 3.584, 58.685

Background



This preview shows how black text looks on a background with the CIELCh color 58, 3.584, 58.685.



This preview shows how white text looks on a background with the CIELCh color 58, 3.584, 58.685.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

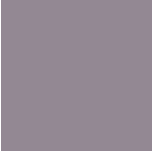
58, 3.584, 58.685

Protanopia

58, 3.235, 80.344

Deuteranopia

58, 8.049, 20.185



Tritanopia
58, 7.604, 324.813

Trichromacy



Original Color

58, 3.584, 58.685

Protanomaly

58, 3.448, 74.519

Deuteranomaly

58, 6.037, 25.312

Tritanomaly

58, 4.548, 341.175

Monochromacy



Original Color

58, 3.584, 58.685

Achromatopsia

58, 0.007, 296.813

Achromatomaly

58, 1.301, 44.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 3.584, 58.685 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(145, 138, 134)` looks like.

```
.text, #text, p{  
    color:rgb(145, 138, 134)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(145, 138, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 138, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 3.584, 58.685 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 138, 134) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(145, 138, 134) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(145, 138, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 138, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 138, 134);  
box-shadow:4px 4px 4px 4px rgb(145, 138,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 3.584, 58.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 138, 134) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(145,  
138, 134) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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