

Converting Colors

CIELCh(58, 26.026, 107.022)

Have a look what the booklet for
CIELCh(58, 26.026, 107.022)
contains.

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Color

CIELCh(58, 26.260, 107.078)

Conversions

Conversions Part 1

Format	Color
Hex	8E8E5F
RGB	142, 142, 95
RGB Percent	56%, 56%, 37%
CMY	0.4428, 0.4428, 0.6271
CMYK	0.00, 0.00, 0.33, 0.44
HSL	60°, 20%, 47%
HSV	60°, 33%, 56%
XYZ	22.9283, 25.9610, 14.6501
YIQ	136.6420, 15.0870, -14.6170

Conversions

Conversions Part 2

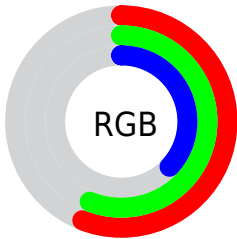
Format	Color
RYB	95, 142, 95
Decimal	9342559
CIELab	58.00, -7.71, 25.10
CIELCh	58, 26.260, 107.078
Yxy	25.9610, 0.3609, 0.4086
Android (android.graphics.Color)	4287532639 (0xFF8E8E5F)
YUV	136.6420, -20.5295, 4.6990
Hunter-Lab	50.9519, -8.8411, 18.6188

Details

The CIELCh color **58, 26.260, 107.078** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **42, 28.419, 294.205**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 26.444, 107.724**, and **38, 26.222, 107.003** is the 20% darker color. If you saturate the color by 10%, you get **58, 33.868, 106.174**, and if you desaturate by 10%, it is **58, 18.435, 108.014**.

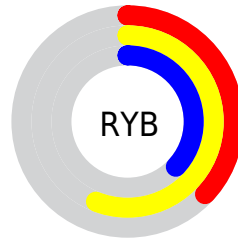
Distribution



Red (56%)

Green (56%)

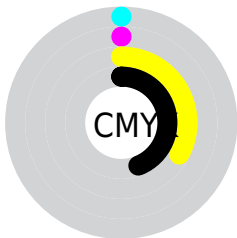
Blue (37%)



Red (37%)

Yellow (56%)

Blue (37%)

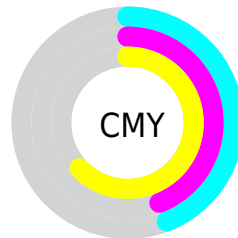


Cyan (0%)

Magenta (0%)

Yellow (33%)

Black (44%)



Cyan (44%)


Magenta (44%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 26.260, 107.078 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, 26.260, 107.078 by changing the saturation by 10% instead.

 58, 26.260,
107.078


 58, 26.260,
107.078


 100, 26.260,
107.078


 48, 26.260,
107.078


 78, 26.260,
107.078

 38, 26.260,
107.078

 88, 26.260,
107.078

 28, 26.260,
107.078

 98, 26.260,
107.078

 18, 26.260,
107.078

 8, 26.260, 107.078

 0, 26.260, 107.078

■ 58, 26.260,
107.078

■ 58, 26.260,
107.078

■ 58, 33.868,
106.174

■ 58, 18.435,
108.014

■ 58, 41.111,
105.317

■ 59, 10.484,
108.954

■ 57, 47.778,
104.538

■ 59, 2.468, 109.874

■ 57, 53.570,
103.873

■ 59, 5.570, 290.821

■ 57, 58.131,
103.359

■ 60, 13.606,
291.708

■ 57, 61.143,
103.025

■ 60, 21.618,
292.567

■ 57, 62.706,
102.854

■ 61, 29.595,
293.390

■ 61, 37.524,
294.173

■ 62, 45.398,
294.916

Harmonies

Complementary

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



58, 26.260, 107.078



42, 28.419, 294.205

Rectangle

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



58, 26.260, 107.078



58, 26.260, 157.078



58, 26.260, 287.078



58, 26.260, 337.078

Sweetspot

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



58, 26.261, 107.081



74, 9.883, 109.223



45, 20.715, 22.173



39, 6.718, 109.108



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



58, 26.261, 107.081



73, 38.859, 106.375



56, 28.219, 127.571



30, 4.546, 109.318



55, 60.463, 102.854



2, 3.084, 110.178

Inverse Universe

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



42, 28.419, 294.205



49, 43.046, 295.484



44, 29.523, 310.642



27, 4.642, 291.098



14, 83.489, 306.287



0, 3.085, 290.179

Previews

White Background



This preview shows how the CIE LCh color 58, 26.260, 107.078 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 CIELCh color 58, 26.260, 107.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

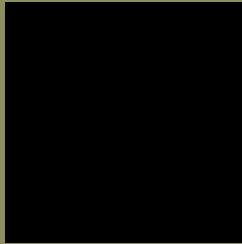
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

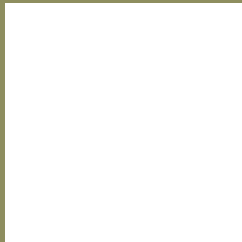
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 26.260, 107.078

Background



This preview shows how black text looks on a background with the CIELCh color 58, 26.260, 107.078.



This preview shows how white text looks on a background with the CIELCh color 58, 26.260, 107.078.

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, 26.260, 107.078

Protanopia

58, 25.828, 95.385

Deuteranopia

58, 25.354, 72.510



Tritanopia
58, 7.385, 329.835

Trichromacy



Original Color
58, 26.260, 107.078

Protanomaly
58, 26.020, 99.375

Deuteranomaly
58, 24.502, 85.266

Tritanomaly
58, 7.023, 81.816

Monochromacy



Original Color
58, 26.260, 107.078

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.628, 109.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 26.260, 107.078 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(142, 142, 95)` looks like.

```
.text, #text, p{  
    color:rgb(142, 142, 95)  
}
```

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(142, 142, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 142, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 26.260, 107.078 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(142, 142, 95) }
```

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

```
.border{ border-color:rgb(142, 142, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 142, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 142, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 142, 95);  
box-shadow:4px 4px 4px 4px rgb(142, 142,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 26.260, 107.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 142, 95) }
```

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

```
.background{ background-color: rgb(142,  
142, 95) }
```

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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