

Converting Colors

CIELCh(57, 25.163, 108.565)

Have a look what the booklet for
CIELCh(57, 25.163, 108.565)
contains.

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Color

CIELCh(57, 25.245, 109.134)

Conversions

Conversions Part 1

Format	Color
Hex	8A8C5F
RGB	138, 140, 95
RGB Percent	54%, 55%, 37%
CMY	0.4595, 0.4516, 0.6280
CMYK	0.01, 0.00, 0.32, 0.45
HSL	63°, 19%, 46%
HSV	63°, 32%, 55%
XYZ	21.8681, 24.9227, 14.4484
YIQ	134.2720, 13.2530, -14.4190

Conversions

Conversions Part 2

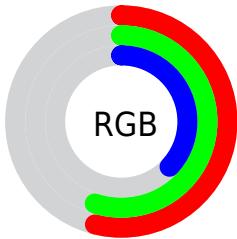
Format	Color
R_{YB}	95, 140, 97
Decimal	9079903
CIE Lab	57.00, -8.27, 23.85
CIE LCh	57, 25.245, 109.134
Yxy	24.9227, 0.3571, 0.4070
Android (android.graphics.Color)	4287269983 (0xFF8A8C5F)
YUV	134.2720, -19.3611, 3.2695
Hunter-Lab	49.9226, -9.1744, 17.7863

Details

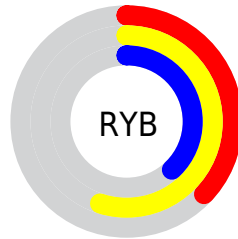
The CIELCh color $57, 25.245, 109.134$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $42, 27.241, 295.494$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 24.951, 108.757$, and $37, 25.205, 109.337$ is the 20% darker color. If you saturate the color by 10%, you get $57, 32.784, 108.294$, and if you desaturate by 10%, it is $57, 17.502, 110.005$.

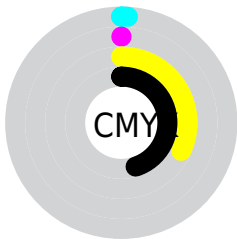
Distribution



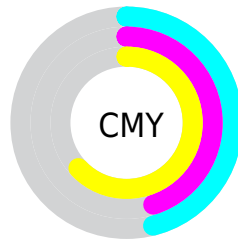
- Red (54%)
- Green (55%)
- Blue (37%)



- Red (37%)
- Yellow (55%)
- Blue (38%)



- Cyan (1%)
- Magenta (0%)
- Yellow (32%)
- Black (45%)





- Cyan (46%)
- Magenta (45%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 25.245, 109.134 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 57, 25.245, 109.134 by changing the saturation by 10% instead.


 57, 25.245,
109.134


 57, 25.245,
109.134


 100, 25.245,
109.134


 47, 25.245,
109.134


 77, 25.245,
109.134

 37, 25.245,
109.134

 87, 25.245,
109.134

 27, 25.245,
109.134

 97, 25.245,
109.134

 17, 25.245,
109.134

 7, 25.245, 109.134

 0, 25.245, 109.134

■ 57, 25.245,
109.134

■ 57, 25.245,
109.134

■ 57, 32.784,
108.294

■ 57, 17.502,
110.005

■ 56, 39.980,
107.500

■ 58, 9.640, 110.878

■ 58, 1.719, 111.726

■ 56, 46.633,
106.790

■ 59, 6.223, 292.598

■ 56, 52.462,
106.205

■ 59, 14.159,
293.413

■ 56, 57.120,
105.794

■ 60, 22.070,
294.198

■ 56, 60.281,
105.601

■ 60, 29.941,
294.947

■ 56, 62.075,
105.544

■ 61, 37.762,
295.658

■ 61, 45.525,
296.329

Harmonies

Complementary

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



57, 25.245, 109.134



42, 27.241, 295.494

Rectangle

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



57, 25.245, 109.134



57, 25.245, 159.134



57, 25.245, 289.134



57, 25.245, 339.134

Sweetspot

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



57, 25.246, 109.137



73, 9.780, 111.048



45, 19.223, 24.520



39, 6.723, 110.940



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



57, 25.246, 109.137



72, 37.527, 108.488



55, 27.336, 128.792



29, 4.414, 111.141



53, 59.725, 105.531



1, 2.058, 111.931

Inverse Universe

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



42, 27.241, 295.494



50, 41.412, 296.624



44, 28.460, 311.688



26, 4.507, 292.775



14, 82.083, 306.483



0, 2.059, 291.932

Previews

White Background



This preview shows how the CIELCh color 57, 25.245, 109.134 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 57, 25.245, 109.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

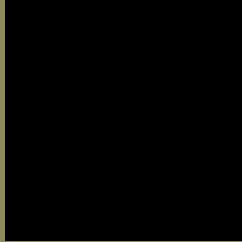
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

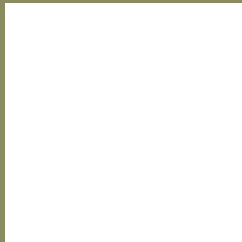
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 25.245, 109.134

Background



This preview shows how black text looks on a background with the CIELCh color 57, 25.245, 109.134.



This preview shows how white text looks on a background with the CIELCh color 57, 25.245, 109.134.

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
57, 25.245, 109.134

Protanopia
57, 24.713, 95.987

Deuteranopia
57, 24.206, 71.995



Tritanopia
57, 6.937, 324.782

Trichromacy



Original Color
57, 25.245, 109.134

Protanomaly
57, 24.878, 101.152

Deuteranomaly
57, 23.343, 85.387

Tritanomaly
57, 6.173, 86.236

Monochromacy



Original Color
57, 25.245, 109.134

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 9.112, 111.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 25.245, 109.134 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(138, 140, 95)` looks like.

```
.text, #text, p{  
    color:rgb(138, 140, 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(138, 140, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 140, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 25.245, 109.134 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(138, 140, 95) }
```

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

```
.border{ border-color:rgb(138, 140, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 140, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 140, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 140, 95);  
box-shadow:4px 4px 4px 4px rgb(138, 140,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 25.245, 109.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 140, 95) }
```

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

```
.background{ background-color: rgb(138,  
140, 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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