

Converting Colors

CIELCh(57, 33.230, 104.714)

Have a look what the booklet for
CIELCh(57, 33.230, 104.714)
contains.

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Color

CIELCh(57, 33.309, 104.666)

Conversions

Conversions Part 1

Format	Color
Hex	8E8C50
RGB	142, 140, 80
RGB Percent	56%, 55%, 31%
CMY	0.4448, 0.4526, 0.6878
CMYK	0.00, 0.01, 0.44, 0.44
HSL	58°, 28%, 43%
HSV	58°, 44%, 56%
XYZ	21.8342, 24.9227, 11.1746
YIQ	133.7580, 20.4520, -18.2360

Conversions

Conversions Part 2

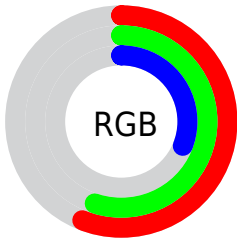
Format	Color
R_{YB}	82, 142, 80
Decimal	9342032
CIE _{Lab}	57.00, -8.43, 32.22
CIE _{LCh}	57, 33.309, 104.666
Yxy	24.9227, 0.3769, 0.4302
Android (android.graphics.Color)	4287532112 (0xFF8E8C50)
YUV	133.7580, -26.5027, 7.2282
Hunter-Lab	49.9226, -9.2957, 21.6745

Details

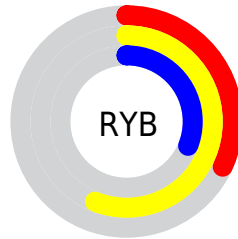
The CIELCh color **57, 33.309, 104.666** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **37, 37.000, 294.817**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 33.295, 104.216**, and **37, 33.195, 104.750** is the 20% darker color. If you saturate the color by 10%, you get **57, 40.351, 103.762**, and if you desaturate by 10%, it is **57, 25.928, 105.617**.

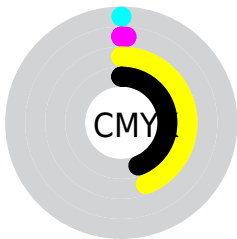
Distribution



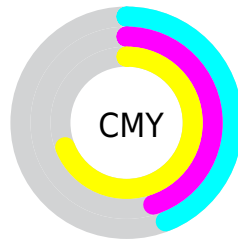
- Red (56%)
- Green (55%)
- Blue (31%)



- Red (32%)
- Yellow (56%)
- Blue (31%)



- Cyan (0%)
- Magenta (1%)
- Yellow (44%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 33.309, 104.666 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, 33.309, 104.666 by changing the saturation by 10% instead.

 57, 33.309,
104.666

 57, 33.309,
104.666

 100, 33.309,
104.666

 47, 33.309,
104.666

 77, 33.309,
104.666

 37, 33.309,
104.666

 87, 33.309,
104.666

 27, 33.309,
104.666

 97, 33.309,
104.666

 17, 33.309,
104.666

 7, 33.309, 104.666

 0, 33.309, 104.666

■ 57, 33.309,
104.666

■ 57, 33.309,
104.666

■ 57, 40.351,
103.762

■ 57, 25.928,
105.617

■ 56, 46.837,
102.921

■ 58, 18.346,
106.584

■ 56, 52.467,
102.177

■ 58, 10.654,
107.552

■ 56, 56.873,
101.561

■ 59, 2.912, 108.498

■ 59, 4.844, 289.472

■ 56, 59.724,
101.095

■ 60, 12.589,
290.377

■ 56, 61.108,
100.844

■ 60, 20.306,
291.254

■ 61, 27.984,
292.095

■ 62, 35.614,
292.896

Harmonies

Complementary

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



57, 33.309, 104.666



37, 37.000, 294.817

Rectangle

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



57, 33.309, 104.666



57, 33.309, 154.666



57, 33.309, 284.666



57, 33.309, 334.666

Sweetspot

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



57, 33.310, 104.669



74, 12.441, 107.600



41, 28.081, 21.264



38, 8.672, 107.409



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, 33.310, 104.669



72, 49.146, 103.731



55, 36.641, 125.875



30, 4.403, 107.991



53, 59.087, 100.852



2, 2.986, 108.874

Inverse Universe

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



37, 37.000, 294.817



42, 56.558, 296.860



39, 39.172, 310.148



28, 4.491, 289.817



15, 81.809, 305.728



0, 2.986, 288.875

Previews

White Background



This preview shows how the CIELCh color 57, 33.309, 104.666 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, 33.309, 104.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

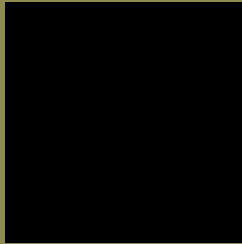
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 33.309, 104.666

Background



This preview shows how black text looks on a background with the CIELCh color 57, 33.309, 104.666.



This preview shows how white text looks on a background with the CIELCh color 57, 33.309, 104.666.

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, 33.309, 104.666

Protanopia

57, 32.917, 96.008

Deuteranopia

57, 32.275, 77.207



Tritanopia
57, 8.892, 335.494

Trichromacy



Original Color
57, 33.309, 104.666

Protanomaly
57, 33.108, 99.203

Deuteranomaly
57, 31.686, 87.349

Tritanomaly
57, 9.673, 81.025

Monochromacy



Original Color
57, 33.309, 104.666

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 11.951, 106.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 33.309, 104.666 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, 140, 80)` looks like.

```
.text, #text, p{  
    color:rgb(142, 140, 80)  
}
```

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, 140, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 140, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 33.309, 104.666 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, 140, 80) }
```

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

```
.border{ border-color:rgb(142, 140, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 140, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 140, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 140, 80);  
box-shadow:4px 4px 4px 4px rgb(142, 140,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 33.309, 104.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 140, 80) }
```

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

```
.background{ background-color: rgb(142,  
140, 80) }
```

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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