

Converting Colors

CIELCh(57, 27.686, 92.596)

Have a look what the booklet for
CIELCh(57, 27.686, 92.596) contains.

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Color

CIELCh(57, 27.856, 93.034)

Conversions

Conversions Part 1

Format	Color
Hex	978858
RGB	151, 136, 88
RGB Percent	59%, 53%, 35%
CMY	0.4075, 0.4664, 0.6546
CMYK	0.00, 0.10, 0.42, 0.41
HSL	46°, 26%, 47%
HSV	46°, 42%, 59%
XYZ	23.3568, 24.9227, 12.8277
YIQ	135.0130, 24.3480, -11.7480

Conversions

Conversions Part 2

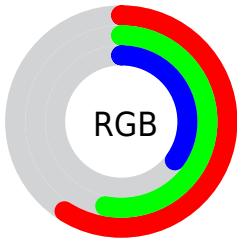
Format	Color
R_{YB}	108, 151, 88
Decimal	9930840
CIE Lab	57.00, -1.47, 27.82
CIE LCh	57, 27.856, 93.034
Yxy	24.9227, 0.3822, 0.4079
Android (android.graphics.Color)	4288120920 (0xFF978858)
YUV	135.0130, -23.1774, 14.0206
Hunter-Lab	49.9226, -3.8515, 19.7112

Details

The CIELCh color **57, 27.856, 93.034** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **44, 28.931, 284.490**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 27.535, 92.997**, and **37, 27.843, 92.195** is the 20% darker color. If you saturate the color by 10%, you get **56, 34.474, 91.770**, and if you desaturate by 10%, it is **58, 21.141, 94.280**.

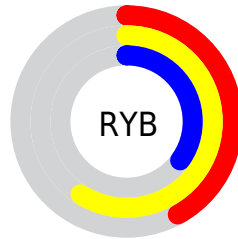
Distribution



Red (59%)

Green (53%)

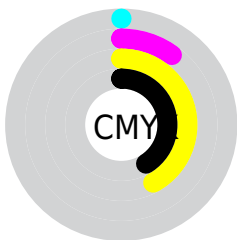
Blue (35%)



Red (42%)

Yellow (59%)

Blue (35%)

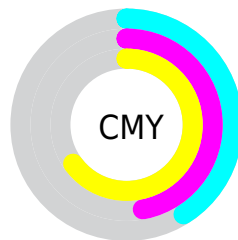


Cyan (0%)

Magenta (10%)

Yellow (42%)

Black (41%)



Cyan (41%)

Magenta (47%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 27.856, 93.034 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, 27.856, 93.034 by changing the saturation by 10% instead.

■ 57, 27.856, 93.034

■ 57, 27.856, 93.034

■ 100, 27.856,
93.034

■ 47, 27.856, 93.034

■ 77, 27.856, 93.034

■ 37, 27.856, 93.034

■ 87, 27.856, 93.034

■ 27, 27.856, 93.034

■ 97, 27.856, 93.034

■ 17, 27.856, 93.034

■ 7, 27.856, 93.034

■ 0, 27.856, 93.034

■ 57, 27.856, 93.034

■ 57, 27.856, 93.034

■ 56, 34.474, 91.770

■ 58, 21.141, 94.280

■ 55, 40.834, 90.475

■ 60, 14.416, 95.492

53, 46.673, 89.140

61, 7.732, 96.666

52, 51.581, 87.732

62, 1.113, 97.698

51, 55.032, 86.187

64, 5.428, 278.958

51, 57.026, 84.830

65, 11.888,
280.001

67, 18.266,
281.007

68, 24.564,
281.966

70, 30.786,
282.878

Harmonies

Complementary

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



57, 27.856, 93.034



44, 28.931, 284.490

Rectangle

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



57, 27.856, 93.034



57, 27.856, 143.034



57, 27.856, 273.034



57, 27.856, 323.034

Sweetspot

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



57, 27.857, 93.038



77, 10.643, 96.487



45, 28.095, 4.587



41, 7.516, 96.247



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 27.857, 93.038



71, 41.289, 91.860



60, 35.237, 117.371



32, 3.766, 96.947



47, 54.043, 84.967



3, 4.008, 97.172

Inverse Universe

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



44, 28.931, 284.490



52, 43.531, 286.565



41, 38.613, 303.185



30, 3.798, 279.146



20, 70.259, 300.410



1, 4.082, 278.281

Previews

White Background



This preview shows how the CIELCh color 57, 27.856, 93.034 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, 27.856, 93.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

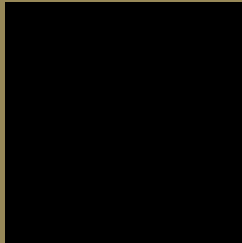
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 27.856, 93.034

Background



This preview shows how black text looks on a background with the CIELCh color 57, 27.856, 93.034.



This preview shows how white text looks on a background with the CIELCh color 57, 27.856, 93.034.

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, 27.856, 93.034

Protanopia

57, 28.046, 95.901

Deuteranopia

57, 28.598, 74.942



Tritanopia
57, 12.139, 352.873

Trichromacy



Original Color
57, 27.856, 93.034

Protanomaly
57, 28.141, 95.009

Deuteranomaly
57, 27.849, 81.395

Tritanomaly
57, 11.506, 52.898

Monochromacy



Original Color
57, 27.856, 93.034

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 9.979, 94.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 27.856, 93.034 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(151, 136, 88)` looks like.

```
.text, #text, p{  
    color:rgb(151, 136, 88)  
}
```

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(151, 136, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 136, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 27.856, 93.034 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(151, 136, 88) }
```

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

```
.border{ border-color:rgb(151, 136, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 136, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 136, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 136, 88);  
box-shadow:4px 4px 4px 4px rgb(151, 136,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 27.856, 93.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 136, 88) }
```

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

```
.background{ background-color: rgb(151,  
136, 88) }
```

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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