

Converting Colors

CIELCh(54, 29.115, 34.669)

Have a look what the booklet for
CIELCh(54, 29.115, 34.669) contains.

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Color

CIELCh(54, 28.767, 34.882)

Conversions

Conversions Part 1

Format	Color
Hex	B07166
RGB	176, 113, 102
RGB Percent	69%, 44%, 40%
CMY	0.3101, 0.5571, 0.6002
CMYK	0.00, 0.36, 0.42, 0.31
HSL	9°, 32%, 54%
HSV	9°, 42%, 69%
XYZ	26.1801, 21.9746, 15.4152
YIQ	130.5830, 41.0790, 9.9350

Conversions

Conversions Part 2

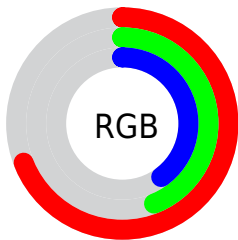
Format	Color
R _Y B	176, 115, 102
Decimal	11563366
CIE Lab	54.00, 23.60, 16.45
CIE LCh	54, 28.767, 34.882
Yxy	21.9746, 0.4118, 0.3457
Android (android.graphics.Color)	4289753446 (0xFFB07166)
YUV	130.5830, -14.0914, 39.8307
Hunter-Lab	46.8770, 17.6547, 13.3168

Details

The CIELCh color **54, 28.767, 34.882** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 21.092, 214.851**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 29.058, 34.423**, and **34, 28.872, 34.830** is the 20% darker color. If you saturate the color by 10%, you get **50, 37.010, 35.714**, and if you desaturate by 10%, it is **58, 21.053, 34.313**.

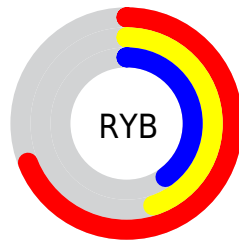
Distribution



Red (69%)

Green (44%)

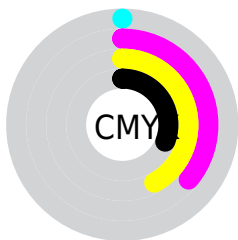
Blue (40%)



Red (69%)

Yellow (45%)

Blue (40%)

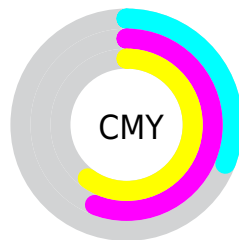


Cyan (0%)

Magenta (36%)

Yellow (42%)

Black (31%)



Cyan (31%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 28.767, 34.882 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 54, 28.767, 34.882 by changing the saturation by 10% instead.

■ 54, 28.767, 34.882

■ 54, 28.767, 34.882

■ 100, 28.767,
34.882

■ 44, 28.767, 34.882

■ 74, 28.767, 34.882

■ 34, 28.767, 34.882

■ 84, 28.767, 34.882

■ 24, 28.767, 34.882

■ 94, 28.767, 34.882

■ 14, 28.767, 34.882

■ 4, 28.767, 34.882

■ 0, 28.767, 34.882

■ 54, 28.767, 34.882

■ 54, 28.767, 34.882

■ 50, 37.010, 35.714

■ 58, 21.053, 34.313

■ 47, 45.701, 36.838

■ 62, 13.899, 33.943

44, 54.653, 38.256

67, 7.290, 33.714

41, 63.477, 39.850

71, 1.193, 33.291

39, 71.327, 41.211

75, 4.436, 213.848

38, 76.513, 42.196

80, 9.647, 213.879

84, 14.486,
214.005

89, 18.999,
214.176

93, 22.970,
207.501

Harmonies

Complementary

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



54, 28.767, 34.882



64, 21.092, 214.851

Rectangle

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



54, 28.767, 34.882



54, 28.767, 84.882



54, 28.767, 214.882



54, 28.767, 264.882

Sweetspot

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



54, 28.765, 34.887



84, 9.805, 33.736



53, 44.931, 330.817



43, 6.915, 33.780



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



54, 28.765, 34.887



65, 43.930, 35.602



63, 28.722, 82.867



34, 3.345, 33.662



32, 67.640, 42.172



2, 6.974, 30.782

Inverse Universe

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



64, 21.092, 214.851



80, 29.758, 215.509



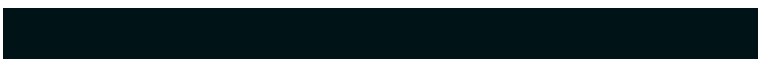
54, 27.980, 275.563



36, 3.154, 213.839



49, 29.425, 223.870



5, 6.587, 220.349

Previews

White Background



This preview shows how the CIELCh color 54, 28.767, 34.882 looks on a white background.

Color Contrast Check

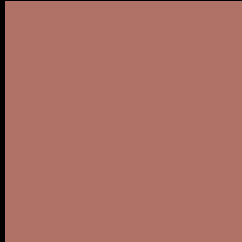
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 28.767, 34.882 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 54, 28.767, 34.882

Background



This preview shows how black text looks on a background with the CIELCh color 54, 28.767, 34.882.



This preview shows how white text looks on a background with the CIELCh color 54, 28.767, 34.882.

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

54, 28.767, 34.882

Protanopia

54, 11.282, 93.665

Deuteranopia

54, 18.638, 67.223



Tritanopia
54, 28.471, 12.745

Trichromacy



Original Color
54, 28.767, 34.882

Protanomaly
54, 15.304, 56.953

Deuteranomaly
54, 21.378, 51.261

Tritanomaly
54, 28.235, 20.562

Monochromacy



Original Color
54, 28.767, 34.882

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 9.838, 33.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 28.767, 34.882 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(176, 113, 102)` looks like.

```
.text, #text, p{  
    color:rgb(176, 113, 102)  
}
```

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(176, 113, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 113, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 28.767, 34.882 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(176, 113, 102) }
```

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

```
.border{ border-color:rgb(176, 113, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 113, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 113, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 113, 102);  
box-shadow:4px 4px 4px 4px rgb(176, 113,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 28.767, 34.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 113, 102) }
```

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

```
.background{ background-color: rgb(176,  
113, 102) }
```

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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