

Converting Colors

CIELCh(63, 31.164, 54.308)

Have a look what the booklet for
CIELCh(63, 31.164, 54.308) contains.

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Color

CIELCh(63, 31.316, 54.120)

Conversions

Conversions Part 1

Format	Color
Hex	C58B6C
RGB	197, 139, 108
RGB Percent	77%, 55%, 42%
CMY	0.2259, 0.4534, 0.5751
CMYK	0.00, 0.29, 0.45, 0.23
HSL	21°, 44%, 60%
HSV	21°, 45%, 77%
XYZ	35.1434, 31.5869, 18.5302
YIQ	152.8080, 44.5190, 2.6550

Conversions

Conversions Part 2

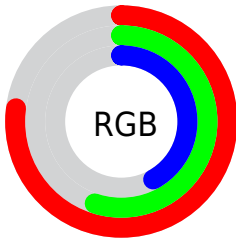
Format	Color
RYB	197, 156, 108
Decimal	12946284
CIELab	63.00, 18.35, 25.37
CIElCh	63, 31.316, 54.120
Yxy	31.5869, 0.4122, 0.3705
Android (android.graphics.Color)	4291136364 (0xFFC58B6C)
YUV	152.8080, -22.0903, 38.7564
Hunter-Lab	56.2022, 13.2627, 19.7933

Details

The CIELCh color **63, 31.316, 54.120** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 24.231, 244.029**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 31.012, 54.486**, and **43, 31.411, 54.447** is the 20% darker color. If you saturate the color by 10%, you get **60, 39.625, 53.556**, and if you desaturate by 10%, it is **67, 23.508, 54.772**.

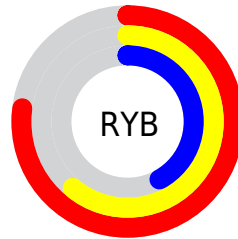
Distribution



Red (77%)

Green (55%)

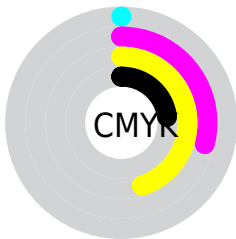
Blue (42%)



Red (77%)

Yellow (61%)

Blue (42%)

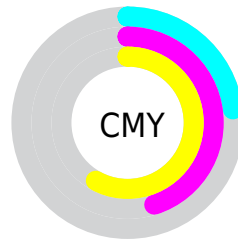


Cyan (0%)

Magenta (29%)

Yellow (45%)

Black (23%)



Cyan (23%)

Magenta (45%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 31.316, 54.120 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 63, 31.316, 54.120 by changing the saturation by 10% instead.

 63, 31.316, 54.120

 63, 31.316, 54.120

 100, 31.316,
54.120

 53, 31.316, 54.120

 83, 31.316, 54.120

 43, 31.316, 54.120

 93, 31.316, 54.120

 33, 31.316, 54.120

 23, 31.316, 54.120

 13, 31.316, 54.120

 3, 31.316, 54.120

 0, 31.316, 54.120

 63, 31.316, 54.120

 63, 31.316, 54.120

 60, 39.625, 53.556

 67, 23.508, 54.772

56, 48.352, 53.050

70, 16.216, 55.489

53, 57.262, 52.534

74, 9.418, 56.252

51, 65.817, 51.814

78, 3.076, 56.974

48, 72.966, 50.474

82, 2.856, 238.145

47, 76.067, 49.792

85, 8.423, 238.899

89, 13.667,
239.741

93, 15.903,
223.083

96, 18.890,
198.258

Harmonies

Complementary

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



63, 31.316, 54.120



65, 24.231, 244.029

Rectangle

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



63, 31.316, 54.120



63, 31.316, 104.120



63, 31.316, 234.120



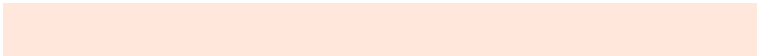
63, 31.316, 284.120

Sweetspot

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



63, 31.315, 54.125



93, 10.707, 56.321



58, 46.073, 339.278



49, 7.449, 56.152



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 31.315, 54.125



76, 47.747, 53.572



74, 39.838, 97.182



40, 3.486, 56.688



39, 65.724, 50.305



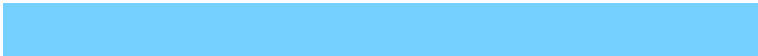
6, 13.327, 41.824

Inverse Universe

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



65, 24.231, 244.029



79, 34.590, 246.429



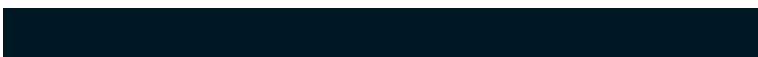
53, 42.877, 289.368



40, 3.335, 238.525



43, 37.912, 264.045



7, 11.828, 252.618

Previews

White Background



This preview shows how the CIELCh color 63, 31.316, 54.120 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 63, 31.316, 54.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

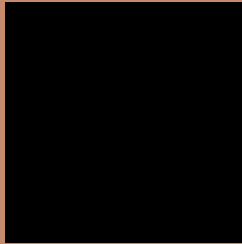
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 31.316, 54.120

Background



This preview shows how black text looks on a background with the CIELCh color 63, 31.316, 54.120.

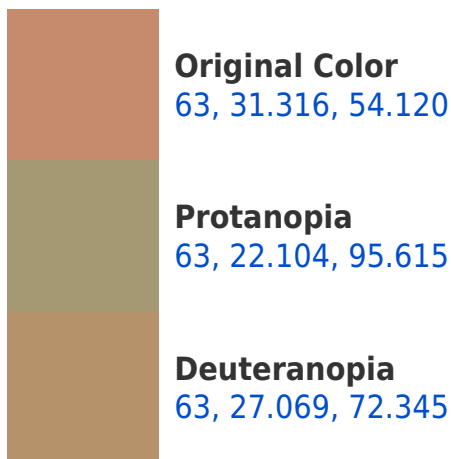


This preview shows how white text looks on a background with the CIELCh color 63, 31.316, 54.120.

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





Tritanopia
63, 27.600, 9.792

Trichromacy



Original Color
63, 31.316, 54.120

Protanomaly
63, 23.535, 77.170

Deuteranomaly
63, 28.602, 65.644

Tritanomaly
63, 26.871, 26.784

Monochromacy



Original Color
63, 31.316, 54.120

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 10.533, 55.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 31.316, 54.120 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(197, 139, 108)` looks like.

```
.text, #text, p{  
    color:rgb(197, 139, 108)  
}
```

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(197, 139, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 139, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 31.316, 54.120 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(197, 139, 108) }
```

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

```
.border{ border-color:rgb(197, 139, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 139, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 139, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 139, 108);  
box-shadow:4px 4px 4px 4px rgb(197, 139,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 31.316, 54.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 139, 108) }
```

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

```
.background{ background-color: rgb(197,  
139, 108) }
```

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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