

Converting Colors

CIELCh(63, 25.522, 58.411)

Have a look what the booklet for
CIELCh(63, 25.522, 58.411) contains.

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Color

CIELCh(63, 25.249, 58.310)

Conversions

Conversions Part 1

Format	Color
Hex	BC8F73
RGB	188, 143, 115
RGB Percent	74%, 56%, 45%
CMY	0.2626, 0.4391, 0.5489
CMYK	0.00, 0.24, 0.39, 0.26
HSL	23°, 35%, 59%
HSV	23°, 39%, 74%
XYZ	33.6692, 31.5869, 20.5502
YIQ	153.2630, 35.8080, 0.8320

Conversions

Conversions Part 2

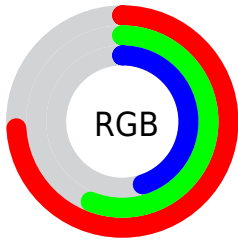
Format	Color
RYB	188, 160, 115
Decimal	12357491
CIELab	63.00, 13.26, 21.48
CIElCh	63, 25.249, 58.310
Yxy	31.5869, 0.3924, 0.3681
Android (android.graphics.Color)	4290547571 (0xFFBC8F73)
YUV	153.2630, -18.8637, 30.4643
Hunter-Lab	56.2022, 8.5804, 17.6624

Details

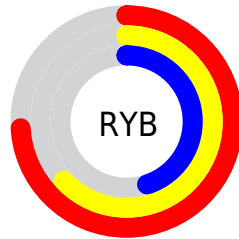
The CIELCh color **63, 25.249, 58.310** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 20.843, 247.546**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 25.441, 58.417**, and **43, 25.085, 58.610** is the 20% darker color. If you saturate the color by 10%, you get **60, 32.828, 57.503**, and if you desaturate by 10%, it is **66, 18.125, 59.179**.

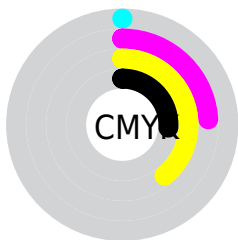
Distribution



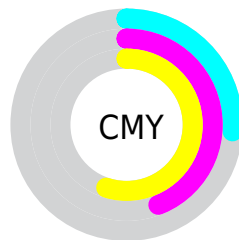
- Red (74%)
- Green (56%)
- Blue (45%)



- Red (74%)
- Yellow (63%)
- Blue (45%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (26%)



- Cyan (26%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 25.249, 58.310 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, 25.249, 58.310 by changing the saturation by 10% instead.

■ 63, 25.249, 58.310

■ 63, 25.249, 58.310

■ 100, 25.249,
58.310

■ 53, 25.249, 58.310

■ 83, 25.249, 58.310

■ 43, 25.249, 58.310

■ 93, 25.249, 58.310

■ 33, 25.249, 58.310

■ 23, 25.249, 58.310

■ 13, 25.249, 58.310

■ 3, 25.249, 58.310

■ 0, 25.249, 58.310

■ 63, 25.249, 58.310

■ 63, 25.249, 58.310

■ 60, 32.828, 57.503

■ 66, 18.125, 59.179

57, 40.827, 56.738

70, 11.451, 60.078

54, 49.119, 55.985

73, 5.196, 60.976

51, 57.392, 55.138

77, 0.677, 242.661

49, 64.983, 53.947

80, 6.209, 243.053

46, 71.116, 52.186

84, 11.437,
243.978

46, 71.852, 52.030

87, 16.400,
244.909

91, 18.057,
232.362

94, 19.454,
210.039

Harmonies

Complementary

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



63, 25.249, 58.310



64, 20.843, 247.546

Rectangle

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



63, 25.249, 58.310



63, 25.249, 108.310



63, 25.249, 238.310



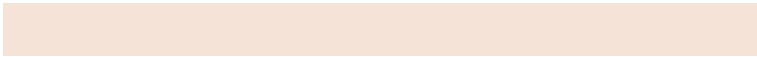
63, 25.249, 288.310

Sweetspot

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



63, 25.248, 58.316



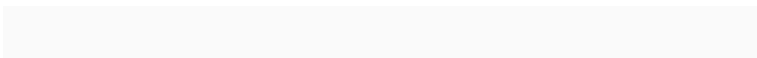
91, 8.851, 60.679



58, 37.161, 341.097



48, 5.893, 60.562



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



63, 25.248, 58.316



77, 39.019, 57.587



72, 34.607, 100.804



38, 3.352, 60.930



39, 62.926, 52.540



5, 10.104, 47.552

Inverse Universe

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



64, 20.843, 247.546



78, 30.579, 249.589



54, 37.238, 290.498



38, 3.224, 242.970



40, 39.534, 269.357



5, 10.308, 256.755

Previews

White Background



This preview shows how the CIELCh color 63, 25.249, 58.310 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 CIE LCh color 63, 25.249, 58.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

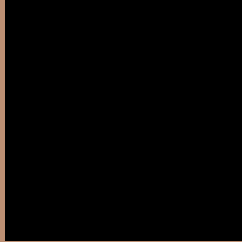
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 25.249, 58.310

Background



This preview shows how black text looks on a background with the CIELCh color 63, 25.249, 58.310.



This preview shows how white text looks on a background with the CIELCh color 63, 25.249, 58.310.

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

63, 25.249, 58.310

Protanopia

63, 18.905, 94.016

Deuteranopia

63, 23.288, 69.335



Tritanopia
63, 21.940, 5.679

Trichromacy



Original Color
63, 25.249, 58.310

Protanomaly
63, 19.916, 78.947

Deuteranomaly
63, 24.080, 65.467

Tritanomaly
63, 20.677, 26.012

Monochromacy



Original Color
63, 25.249, 58.310

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 8.844, 58.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 25.249, 58.310 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(188, 143, 115)` looks like.

```
.text, #text, p{  
    color:rgb(188, 143, 115)  
}
```

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(188, 143, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 143, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 25.249, 58.310 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(188, 143, 115) }
```

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

```
.border{ border-color:rgb(188, 143, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 143, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 143, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 143, 115);  
box-shadow:4px 4px 4px 4px rgb(188, 143,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 25.249, 58.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 143, 115) }
```

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

```
.background{ background-color: rgb(188,  
143, 115) }
```

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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