

Converting Colors

CIELCh(63, 38.994, 71.313)

Have a look what the booklet for
CIELCh(63, 38.994, 71.313) contains.

CIELCh(63, 38.994, 71.313)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(63, 38.994, 71.313)

Conversions

Conversions Part 1

Format	Color
Hex	C18F57
RGB	193, 143, 87
RGB Percent	76%, 56%, 34%
CMY	0.2439, 0.4399, 0.6595
CMYK	0.00, 0.26, 0.55, 0.24
HSL	32°, 46%, 55%
HSV	32°, 55%, 76%
XYZ	33.4497, 31.5869, 13.3139
YIQ	151.5660, 47.7760, -6.8160

Conversions

Conversions Part 2

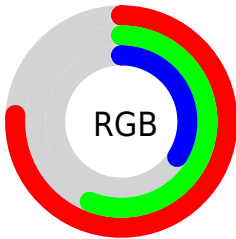
Format	Color
RYB	182, 193, 87
Decimal	12685143
CIELab	63.00, 12.49, 36.94
CIElCh	63, 38.994, 71.313
Yxy	31.5869, 0.4269, 0.4031
Android (android.graphics.Color)	4290875223 (0xFFC18F57)
YUV	151.5660, -31.8310, 36.3376
Hunter-Lab	56.2022, 7.8834, 25.2962

Details

The CIELCh color **63, 38.994, 71.313** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **56, 34.283, 269.342**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 39.069, 71.457**, and **43, 38.960, 71.881** is the 20% darker color. If you saturate the color by 10%, you get **61, 46.756, 69.914**, and if you desaturate by 10%, it is **66, 31.315, 72.663**.

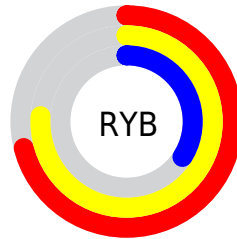
Distribution



Red (76%)

Green (56%)

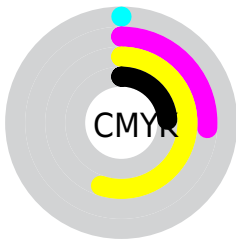
Blue (34%)



Red (71%)

Yellow (76%)

Blue (34%)

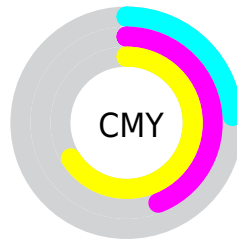


Cyan (0%)

Magenta (26%)

Yellow (55%)

Black (24%)



Cyan (24%)

Magenta (44%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 38.994, 71.313 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, 38.994, 71.313 by changing the saturation by 10% instead.

■ 63, 38.994, 71.313

■ 63, 38.994, 71.313

■ 100, 38.994,
71.313

■ 53, 38.994, 71.313

■ 83, 38.994, 71.313

■ 43, 38.994, 71.313

■ 93, 38.994, 71.313

■ 33, 38.994, 71.313

■ 23, 38.994, 71.313

■ 13, 38.994, 71.313

■ 3, 38.994, 71.313

■ 0, 38.994, 71.313

■ 63, 38.994, 71.313

■ 63, 38.994, 71.313

■ 61, 46.756, 69.914

■ 66, 31.315, 72.663

58, 54.304, 68.380

68, 23.859, 73.979

56, 61.073, 66.555

71, 16.680, 75.273

54, 66.190, 64.156

74, 9.789, 76.537

53, 68.364, 62.863

77, 3.177, 77.718

79, 3.176, 259.148

82, 9.295, 260.259

85, 15.203,
261.383

88, 18.612,
257.752

Harmonies

Complementary

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



63, 38.994, 71.313



56, 34.283, 269.342

Rectangle

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



63, 38.994, 71.313



63, 38.994, 121.313



63, 38.994, 251.313



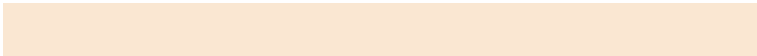
63, 38.994, 301.313

Sweetspot

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



63, 38.994, 71.317



93, 12.957, 76.377



52, 48.688, 350.814



49, 8.784, 76.117



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



63, 38.994, 71.317



76, 58.767, 69.610



76, 54.263, 105.855



39, 3.680, 77.220



44, 59.592, 63.408



7, 11.550, 61.523

Inverse Universe

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



56, 34.283, 269.342



66, 50.549, 273.319



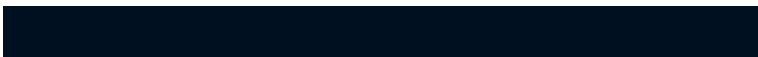
42, 63.465, 298.823



39, 3.617, 259.717



33, 53.497, 286.235



4, 13.214, 271.664

Previews

White Background



This preview shows how the CIELCh color 63, 38.994, 71.313 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, 38.994, 71.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

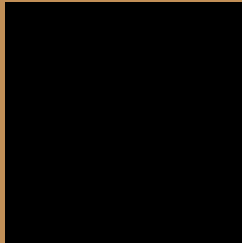
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 38.994, 71.313

Background



This preview shows how black text looks on a background with the CIELCh color 63, 38.994, 71.313.



This preview shows how white text looks on a background with the CIELCh color 63, 38.994, 71.313.

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, 38.994, 71.313

Protanopia

63, 35.057, 96.186

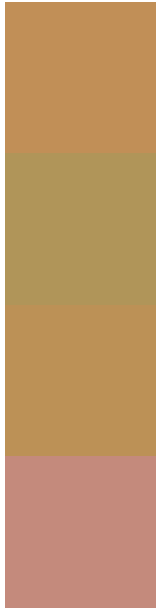
Deuteranopia

63, 38.094, 78.219



Tritanopia
63, 25.484, 9.701

Trichromacy



Original Color
63, 38.994, 71.313

Protanomaly
63, 35.327, 86.536

Deuteranomaly
63, 38.398, 76.166

Tritanomaly
63, 26.081, 38.808

Monochromacy



Original Color
63, 38.994, 71.313

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 13.456, 75.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 38.994, 71.313 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(193, 143, 87)` looks like.

```
.text, #text, p{  
    color:rgb(193, 143, 87)  
}
```

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(193, 143, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 143, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 38.994, 71.313 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(193, 143, 87) }
```

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

```
.border{ border-color:rgb(193, 143, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 143, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 143, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 143, 87);  
box-shadow:4px 4px 4px 4px rgb(193, 143,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 38.994, 71.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 143, 87) }
```

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

```
.background{ background-color: rgb(193,  
143, 87) }
```

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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