

Converting Colors

CIELCh(63, 29.404, 55.068)

Have a look what the booklet for
CIELCh(63, 29.404, 55.068) contains.

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Color

CIELCh(63, 29.402, 53.930)

Conversions

Conversions Part 1

Format	Color
Hex	C38C6F
RGB	195, 140, 111
RGB Percent	76%, 55%, 44%
CMY	0.2345, 0.4503, 0.5640
CMYK	0.00, 0.28, 0.43, 0.23
HSL	21°, 41%, 60%
HSV	21°, 43%, 77%
XYZ	34.8380, 31.5869, 19.3485
YIQ	153.1390, 42.0890, 2.6410

Conversions

Conversions Part 2

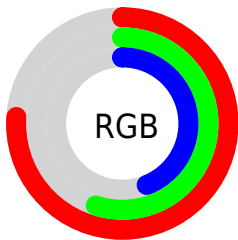
Format	Color
RYB	195, 155, 111
Decimal	12815471
CIELab	63.00, 17.31, 23.77
CIELCh	63, 29.402, 53.930
Yxy	31.5869, 0.4062, 0.3683
Android (android.graphics.Color)	4291005551 (0xFFC38C6F)
YUV	153.1390, -20.7745, 36.7121
Hunter-Lab	56.2022, 12.2925, 18.9300

Details

The CIELCh color **63, 29.402, 53.930** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 23.019, 243.137**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 29.251, 54.284**, and **43, 29.292, 54.341** is the 20% darker color. If you saturate the color by 10%, you get **60, 37.546, 53.370**, and if you desaturate by 10%, it is **67, 21.764, 54.581**.

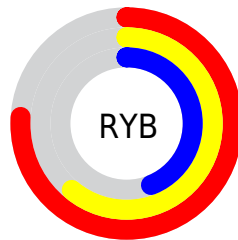
Distribution



Red (76%)

Green (55%)

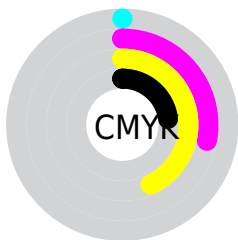
Blue (44%)



Red (76%)

Yellow (61%)

Blue (44%)

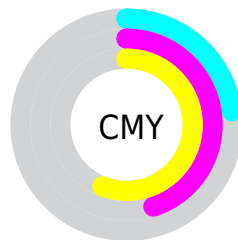


Cyan (0%)

Magenta (28%)

Yellow (43%)

Black (23%)



Cyan (23%)

Magenta (45%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 29.402, 53.930 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, 29.402, 53.930 by changing the saturation by 10% instead.

63, 29.402, 53.930

63, 29.402, 53.930

100, 29.402,
53.930

53, 29.402, 53.930

83, 29.402, 53.930

43, 29.402, 53.930

93, 29.402, 53.930

33, 29.402, 53.930

23, 29.402, 53.930

13, 29.402, 53.930

3, 29.402, 53.930

0, 29.402, 53.930

63, 29.402, 53.930

63, 29.402, 53.930

60, 37.546, 53.370

67, 21.764, 54.581

56, 46.134, 52.876

70, 14.639, 55.294

53, 54.974, 52.398

74, 7.998, 56.048

51, 63.618, 51.777

78, 1.801, 56.665

48, 71.139, 50.647

82, 3.996, 237.889

47, 75.537, 49.648

85, 9.438, 238.674

89, 14.568,
239.510

93, 16.535,
221.791

96, 19.556,
198.215

Harmonies

Complementary

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



63, 29.402, 53.930



65, 23.019, 243.137

Rectangle

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



63, 29.402, 53.930



63, 29.402, 103.930



63, 29.402, 233.930



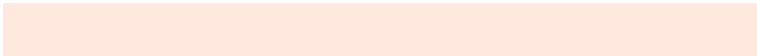
63, 29.402, 283.930

Sweetspot

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



63, 29.401, 53.935



94, 9.906, 56.036



58, 43.685, 339.077



49, 6.987, 55.866



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, 29.401, 53.935



77, 45.690, 53.381



73, 37.712, 97.429



39, 3.411, 56.322



38, 65.046, 50.177



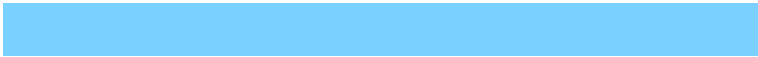
5, 11.705, 42.745

Inverse Universe

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



65, 23.019, 243.137



80, 33.471, 245.437



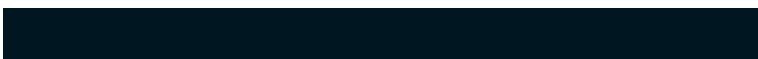
54, 40.389, 288.923



39, 3.263, 238.133



42, 37.236, 263.473



6, 10.933, 252.115

Previews

White Background



This preview shows how the CIELCh color 63, 29.402, 53.930 looks on a white background.

Color Contrast Check

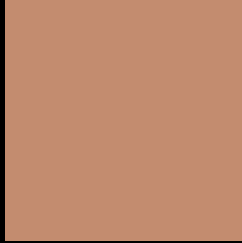
Large Text (above 18pt) WCAG AA × Fail

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, 29.402, 53.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

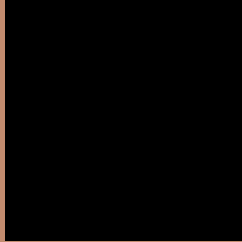
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 29.402, 53.930

Background



This preview shows how black text looks on a background with the CIELCh color 63, 29.402, 53.930.



This preview shows how white text looks on a background with the CIELCh color 63, 29.402, 53.930.

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, 29.402, 53.930

Protanopia

63, 20.398, 96.061

Deuteranopia

63, 25.400, 71.296



Tritanopia
63, 25.972, 8.763

Trichromacy



Original Color
63, 29.402, 53.930

Protanomaly
63, 21.841, 76.238

Deuteranomaly
63, 26.671, 64.912

Tritanomaly
63, 25.130, 26.920

Monochromacy



Original Color
63, 29.402, 53.930

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 9.852, 54.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 29.402, 53.930 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(195, 140, 111)` looks like.

```
.text, #text, p{  
    color:rgb(195, 140, 111)  
}
```

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(195, 140, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 140, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 29.402, 53.930 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(195, 140, 111) }
```

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

```
.border{ border-color:rgb(195, 140, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 140, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 140, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 140, 111); box-shadow:4px 4px 4px 4px rgb(195, 140, 111) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 29.402, 53.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 140, 111) }
```

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

```
.background{ background-color: rgb(195,  
140, 111) }
```

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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