

Converting Colors

CIELCh(63, 29.552, 49.045)

Have a look what the booklet for
CIELCh(63, 29.552, 49.045) contains.

CIELCh(63, 29.603, 49.038)	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, 29.603, 49.038)

Conversions

Conversions Part 1

Format	Color
Hex	C68B72
RGB	198, 139, 114
RGB Percent	78%, 55%, 45%
CMY	0.2245, 0.4557, 0.5537
CMYK	0.00, 0.30, 0.42, 0.22
HSL	18°, 42%, 61%
HSV	18°, 42%, 78%
XYZ	35.4536, 31.5869, 20.0861
YIQ	153.7910, 43.1890, 4.7330

Conversions

Conversions Part 2

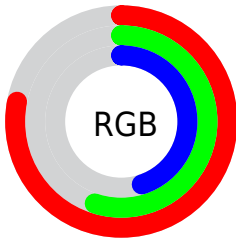
Format	Color
RYB	198, 150, 114
Decimal	13011826
CIELab	63.00, 19.41, 22.35
CIElCh	63, 29.603, 49.038
Yxy	31.5869, 0.4069, 0.3625
Android (android.graphics.Color)	4291201906 (0xFFC68B72)
YUV	153.7910, -19.6170, 38.7713
Hunter-Lab	56.2022, 14.2476, 18.1519

Details

The CIELCh color **63, 29.603, 49.038** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **68, 22.583, 236.154**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 29.053, 49.901**, and **43, 29.505, 49.267** is the 20% darker color. If you saturate the color by 10%, you get **59, 37.999, 48.789**, and if you desaturate by 10%, it is **67, 21.764, 49.417**.

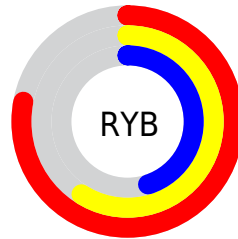
Distribution



Red (78%)

Green (55%)

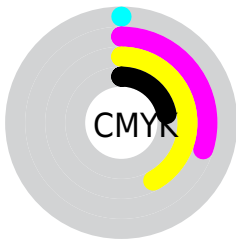
Blue (45%)



Red (78%)

Yellow (59%)

Blue (45%)

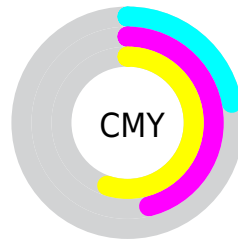


Cyan (0%)

Magenta (30%)

Yellow (42%)

Black (22%)



Cyan (22%)

Magenta (46%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 29.603, 49.038 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, 29.603, 49.038 by changing the saturation by 10% instead.

63, 29.603, 49.038

63, 29.603, 49.038

100, 29.603,
49.038

53, 29.603, 49.038

83, 29.603, 49.038

43, 29.603, 49.038

93, 29.603, 49.038

33, 29.603, 49.038

23, 29.603, 49.038

13, 29.603, 49.038

3, 29.603, 49.038

0, 29.603, 49.038

63, 29.603, 49.038

63, 29.603, 49.038

59, 37.999, 48.789

67, 21.764, 49.417

56, 46.896, 48.653

71, 14.485, 49.888

53, 56.114, 48.594

75, 7.735, 50.422

50, 65.220, 48.458

79, 1.469, 50.770

47, 73.280, 47.873

83, 4.362, 231.893

46, 78.313, 47.161

87, 9.807, 232.521

91, 14.911,
233.208

95, 17.221,
207.179

96, 18.781,
198.264

Harmonies

Complementary

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



63, 29.603, 49.038



68, 22.583, 236.154

Rectangle

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



63, 29.603, 49.038



63, 29.603, 99.038



63, 29.603, 229.038



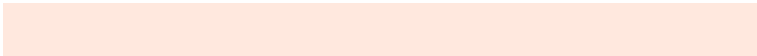
63, 29.603, 279.038

Sweetspot

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



63, 29.602, 49.043



93, 9.948, 50.382



59, 45.042, 336.743



49, 7.020, 50.260



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, 29.602, 49.043



76, 45.290, 48.802



73, 35.981, 94.298



40, 3.496, 50.586



38, 67.557, 47.628



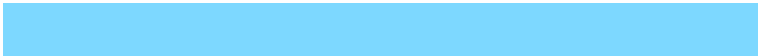
5, 13.573, 37.820

Inverse Universe

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



68, 22.583, 236.154



82, 32.155, 238.041



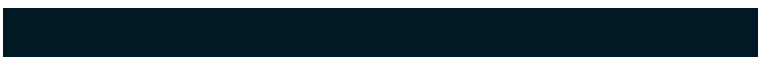
56, 37.786, 286.095



40, 3.325, 232.051



45, 34.790, 255.164



7, 11.359, 244.343

Previews

White Background



This preview shows how the CIELCh color 63, 29.603, 49.038 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, 29.603, 49.038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

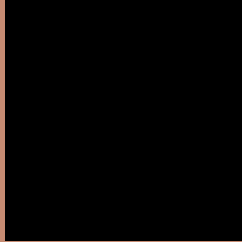
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 29.603, 49.038

Background



This preview shows how black text looks on a background with the CIELCh color 63, 29.603, 49.038.



This preview shows how white text looks on a background with the CIELCh color 63, 29.603, 49.038.

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, 29.603, 49.038

Protanopia
63, 18.781, 95.281

Deuteranopia
63, 24.482, 69.973



Tritanopia
63, 27.600, 9.792

Trichromacy



Original Color
63, 29.603, 49.038

Protanomaly
63, 20.662, 73.140

Deuteranomaly
63, 25.698, 60.588

Tritanomaly
63, 26.640, 24.484

Monochromacy



Original Color
63, 29.603, 49.038

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 10.240, 49.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 29.603, 49.038 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(198, 139, 114)` looks like.

```
.text, #text, p{  
    color:rgb(198, 139, 114)  
}
```

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(198, 139, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 139, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 29.603, 49.038 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(198, 139, 114) }
```

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

```
.border{ border-color:rgb(198, 139, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 139, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 139, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 139, 114);  
box-shadow:4px 4px 4px 4px rgb(198, 139,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 29.603, 49.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 139, 114) }
```

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

```
.background{ background-color: rgb(198,  
139, 114) }
```

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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