

Converting Colors

CIELCh(67, 27.125, 59.384)

Have a look what the booklet for
CIELCh(67, 27.125, 59.384) contains.

CIELCh(67, 27.046, 59.203)	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(67, 27.046, 59.203)

Conversions

Conversions Part 1

Format	Color
Hex	C9997A
RGB	201, 153, 122
RGB Percent	79%, 60%, 48%
CMY	0.2115, 0.3998, 0.5214
CMYK	0.00, 0.24, 0.39, 0.21
HSL	24°, 42%, 63%
HSV	24°, 39%, 79%
XYZ	39.0191, 36.6320, 23.4431
YIQ	163.8180, 38.5590, 0.5350

Conversions

Conversions Part 2

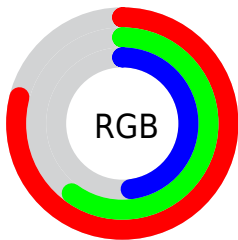
Format	Color
R _Y B	201, 173, 122
Decimal	13212026
CIE Lab	67.00, 13.85, 23.23
CIE LCh	67, 27.046, 59.203
Yxy	36.6320, 0.3938, 0.3697
Android (android.graphics.Color)	4291402106 (0xFFC9997A)
YUV	163.8180, -20.6163, 32.6086
Hunter-Lab	60.5244, 9.1585, 19.4020

Details

The CIELCh color **67, 27.046, 59.203** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **67, 22.380, 248.872**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 25.564, 60.714**, and **47, 26.968, 59.481** is the 20% darker color. If you saturate the color by 10%, you get **64, 35.057, 58.350**, and if you desaturate by 10%, it is **70, 19.506, 60.113**.

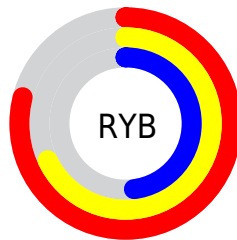
Distribution



Red (79%)

Green (60%)

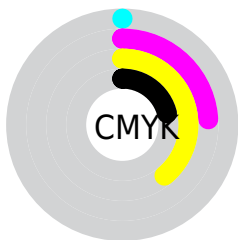
Blue (48%)



Red (79%)

Yellow (68%)

Blue (48%)

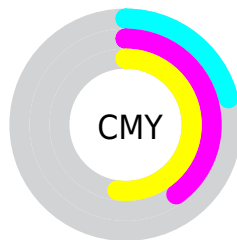


Cyan (0%)

Magenta (24%)

Yellow (39%)

Black (21%)



Cyan (21%)

Magenta (40%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 27.046, 59.203 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 67, 27.046, 59.203 by changing the saturation by 10% instead.

67, 27.046, 59.203

67, 27.046, 59.203

100, 27.046,
59.203

57, 27.046, 59.203

87, 27.046, 59.203

47, 27.046, 59.203

97, 27.046, 59.203

37, 27.046, 59.203

27, 27.046, 59.203

17, 27.046, 59.203

7, 27.046, 59.203

0, 27.046, 59.203

67, 27.046, 59.203

67, 27.046, 59.203

64, 35.057, 58.350

70, 19.506, 60.113

60, 43.495, 57.532

74, 12.434, 61.049

57, 52.212, 56.712

78, 5.801, 61.985

55, 60.852, 55.777

81, 0.433, 244.095

52, 68.669, 54.458

85, 6.309, 244.117

50, 74.843, 52.528

89, 11.868,
245.066

50, 75.282, 52.418

92, 14.758,
234.097

95, 16.459,
206.033

96, 17.778,
198.328

Harmonies

Complementary

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



67, 27.046, 59.203



67, 22.380, 248.872

Rectangle

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



67, 27.046, 59.203



67, 27.046, 109.203



67, 27.046, 239.203



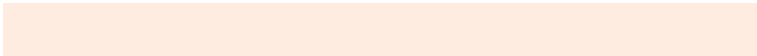
67, 27.046, 289.203

Sweetspot

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



67, 27.045, 59.209



95, 9.166, 61.721



61, 39.699, 341.162



50, 6.106, 61.597



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 27.045, 59.209



80, 40.323, 58.488



77, 36.974, 100.733



40, 3.509, 61.978



40, 64.161, 53.010



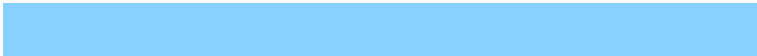
6, 13.146, 45.799

Inverse Universe

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



67, 22.380, 248.872



80, 31.829, 250.830



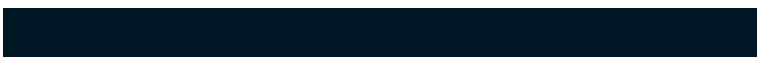
57, 39.850, 290.621



40, 3.378, 244.077



41, 41.258, 270.774



6, 12.380, 258.814

Previews

White Background



This preview shows how the CIELCh color 67, 27.046, 59.203 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 67, 27.046, 59.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

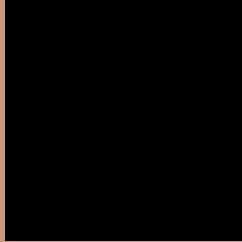
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 27.046, 59.203

Background



This preview shows how black text looks on a background with the CIELCh color 67, 27.046, 59.203.



This preview shows how white text looks on a background with the CIELCh color 67, 27.046, 59.203.

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


67, 27.046, 59.203

Protanopia

67, 20.259, 95.088

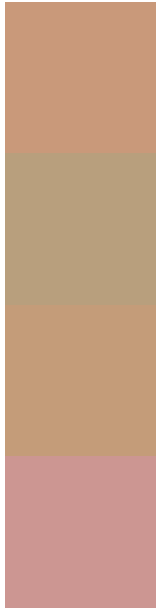
Deuteranopia

67, 25.276, 70.799



Tritanopia
67, 23.219, 6.801

Trichromacy



Original Color
67, 27.046, 59.203

Protanomaly
67, 21.552, 79.045

Deuteranomaly
67, 26.013, 67.218

Tritanomaly
67, 22.147, 27.086

Monochromacy



Original Color
67, 27.046, 59.203

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.084, 61.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 27.046, 59.203 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(201, 153, 122)` looks like.

```
.text, #text, p{  
    color:rgb(201, 153, 122)  
}
```

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(201, 153, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 153, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 27.046, 59.203 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(201, 153, 122) }
```

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

```
.border{ border-color:rgb(201, 153, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 153, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 153, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 153, 122);  
box-shadow:4px 4px 4px 4px rgb(201, 153,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 27.046, 59.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 153, 122) }
```

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

```
.background{ background-color: rgb(201,  
153, 122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor