

Converting Colors

CIELCh(68, 16.492, 59.026)

Have a look what the booklet for
CIELCh(68, 16.492, 59.026) contains.

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Color

CIELCh(68, 16.522, 59.003)

Conversions

Conversions Part 1

Format	Color
Hex	BFA08D
RGB	191, 160, 141
RGB Percent	75%, 63%, 55%
CMY	0.2523, 0.3738, 0.4483
CMYK	0.00, 0.16, 0.26, 0.25
HSL	23°, 28%, 65%
HSV	23°, 26%, 75%
XYZ	38.6960, 37.9720, 30.3632
YIQ	167.1030, 24.5750, 0.6630

Conversions

Conversions Part 2

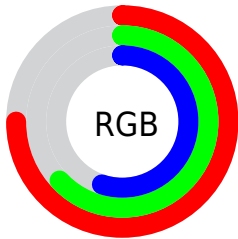
Format	Color
RYB	191, 172, 141
Decimal	12558477
CIELab	68.00, 8.51, 14.16
CIELCh	68, 16.522, 59.003
Yxy	37.9720, 0.3615, 0.3548
Android (android.graphics.Color)	4290748557 (0xFFBFA08D)
YUV	167.1030, -12.8688, 20.9577
Hunter-Lab	61.6215, 4.2539, 13.9206

Details

The CIELCh color **68, 16.522, 59.003** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69, 14.592, 244.776**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 16.423, 59.095**, and **48, 16.528, 59.684** is the 20% darker color. If you saturate the color by 10%, you get **65, 23.611, 58.153**, and if you desaturate by 10%, it is **71, 9.884, 59.904**.

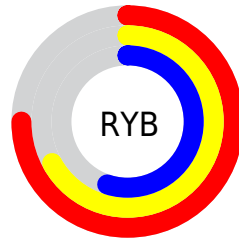
Distribution



Red (75%)

Green (63%)

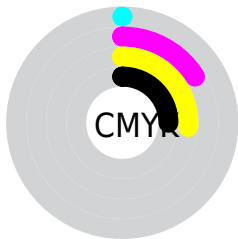
Blue (55%)



Red (75%)

Yellow (67%)

Blue (55%)

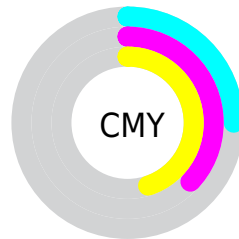


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (25%)



Cyan (25%)

Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 16.522, 59.003 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 68, 16.522, 59.003 by changing the saturation by 10% instead.

68, 16.522, 59.003

68, 16.522, 59.003

100, 16.522,
59.003

58, 16.522, 59.003

88, 16.522, 59.003

48, 16.522, 59.003

98, 16.522, 59.003

38, 16.522, 59.003

28, 16.522, 59.003

18, 16.522, 59.003

8, 16.522, 59.003

0, 16.522, 59.003

68, 16.522, 59.003

68, 16.522, 59.003

65, 23.611, 58.153

71, 9.884, 59.904

61, 31.167, 57.343

75, 3.665, 60.766

58, 39.168, 56.587

79, 2.175, 242.041

55, 47.517, 55.860

82, 7.678, 242.850

52, 55.958, 55.079

86, 12.882,
243.774

50, 63.932, 54.039

89, 17.801,
244.603

47, 70.446, 52.356

93, 17.798,
220.014

47, 72.761, 51.772

96, 20.645,
199.263

96, 20.907,
198.130

Harmonies

Complementary

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



68, 16.522, 59.003



69, 14.592, 244.776

Rectangle

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



68, 16.522, 59.003



68, 16.522, 109.003



68, 16.522, 239.003



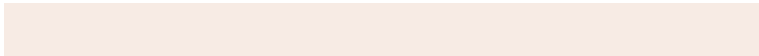
68, 16.522, 289.003

Sweetspot

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



68, 16.522, 59.012



94, 5.868, 60.613



64, 25.730, 339.124



50, 4.225, 60.485



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 16.522, 59.012



84, 24.574, 58.553



74, 23.355, 101.284



38, 3.350, 60.511



39, 63.046, 52.318



5, 10.111, 47.225

Inverse Universe

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



69, 14.592, 244.776



85, 21.090, 245.668



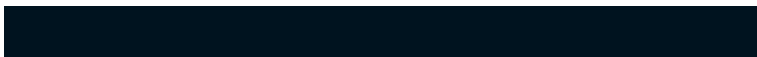
62, 24.368, 287.523



38, 3.220, 242.531



40, 39.265, 268.841



5, 10.275, 256.329

Previews

White Background



This preview shows how the CIELCh color 68, 16.522, 59.003 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 68, 16.522, 59.003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

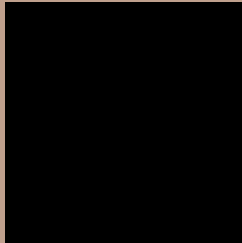
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 16.522, 59.003

Background



This preview shows how black text looks on a background with the CIELCh color 68, 16.522, 59.003.



This preview shows how white text looks on a background with the CIELCh color 68, 16.522, 59.003.

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

68, 16.522, 59.003

Protanopia

68, 12.060, 91.584

Deuteranopia

68, 16.522, 59.003



Tritanopia
68, 16.052, 356.825

Trichromacy



Original Color
68, 16.522, 59.003

Protanomaly
68, 12.968, 77.076

Deuteranomaly
68, 16.522, 59.003

Tritanomaly
68, 14.214, 18.506

Monochromacy



Original Color
68, 16.522, 59.003

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.045, 58.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 16.522, 59.003 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(191, 160, 141)` looks like.

```
.text, #text, p{  
    color:rgb(191, 160, 141)  
}
```

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(191, 160, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 160, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 16.522, 59.003 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(191, 160, 141) }
```

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

```
.border{ border-color:rgb(191, 160, 141) }
```

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

Here you see how a box with a 4 pixel rgb(191, 160, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 160, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 160, 141);  
box-shadow:4px 4px 4px 4px rgb(191, 160,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 16.522, 59.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 160, 141) }
```

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

```
.background{ background-color: rgb(191,  
160, 141) }
```

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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