

Converting Colors

CIELCh(68, 16.876, 58.115)

Have a look what the booklet for
CIELCh(68, 16.876, 58.115) contains.

CIELCh(68, 16.876, 58.115)	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(68, 16.876, 58.115)

Conversions

Conversions Part 1

Format	Color
Hex	BF9F8C
RGB	191, 159, 140
RGB Percent	75%, 62%, 55%
CMY	0.2493, 0.3749, 0.4494
CMYK	0.00, 0.17, 0.27, 0.25
HSL	22°, 29%, 65%
HSV	22°, 27%, 75%
XYZ	38.8232, 37.9720, 30.2470
YIQ	166.4020, 25.1710, 0.8750

Conversions

Conversions Part 2

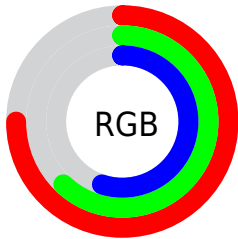
Format	Color
R_{YB}	191, 170, 140
Decimal	12558220
CIE _{Lab}	68.00, 8.91, 14.33
CIE _{LCh}	68, 16.876, 58.115
Yxy	37.9720, 0.3627, 0.3547
Android (android.graphics.Color)	4290748300 (0xFFBF9F8C)
YUV	166.4020, -13.0162, 21.5724
Hunter-Lab	61.6215, 4.6222, 14.0325

Details

The CIELCh color $68, 16.876, 58.115$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 14.821, 243.861$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 16.747, 58.255$, and $48, 16.920, 58.705$ is the 20% darker color. If you saturate the color by 10%, you get $65, 24.019, 57.300$, and if you desaturate by 10%, it is $72, 10.194, 58.985$.

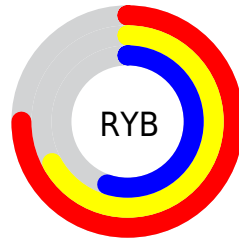
Distribution



Red (75%)

Green (62%)

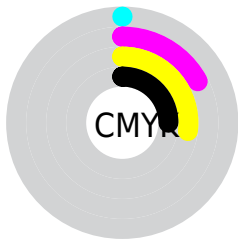
Blue (55%)



Red (75%)

Yellow (67%)

Blue (55%)

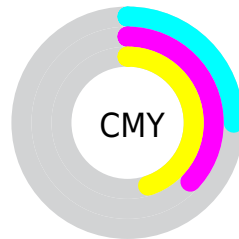


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (25%)



Cyan (25%)

Magenta (37%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 16.876, 58.115 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, 16.876, 58.115 by changing the saturation by 10% instead.

 68, 16.876, 58.115

 68, 16.876, 58.115

 100, 16.876,
58.115

 58, 16.876, 58.115

 88, 16.876, 58.115

 48, 16.876, 58.115

 98, 16.876, 58.115

 38, 16.876, 58.115

 28, 16.876, 58.115

 18, 16.876, 58.115

 8, 16.876, 58.115

 0, 16.876, 58.115

 68, 16.876, 58.115

 68, 16.876, 58.115

 65, 24.019, 57.300

 72, 10.194, 58.985

61, 31.640, 56.533

75, 3.940, 59.826

58, 39.715, 55.823

79, 1.926, 241.100

55, 48.142, 55.147

82, 7.445, 241.862

52, 56.658, 54.419

86, 12.660,
242.766

50, 64.680, 53.423

90, 17.523,
243.334

47, 71.214, 51.779

93, 17.735,
218.137

47, 73.291, 51.298

96, 20.680,
198.145

Harmonies

Complementary

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



68, 16.876, 58.115



69, 14.821, 243.861

Rectangle

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



68, 16.876, 58.115



68, 16.876, 108.115



68, 16.876, 238.115



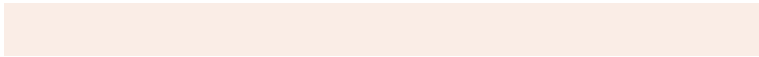
68, 16.876, 288.115

Sweetspot

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



68, 16.876, 58.124



95, 5.909, 59.711



64, 26.254, 339.163



50, 4.220, 59.587



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, 16.876, 58.124



84, 25.666, 57.635



75, 23.828, 101.234



39, 3.420, 59.609



39, 64.080, 51.798



5, 11.615, 45.139

Inverse Universe

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



69, 14.821, 243.861



85, 21.814, 244.850



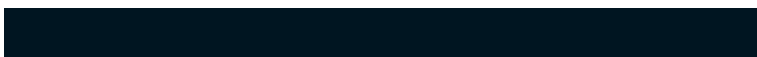
62, 24.883, 287.594



39, 3.284, 241.593



41, 39.194, 267.791



6, 11.210, 255.865

Previews

White Background



This preview shows how the CIELCh color 68, 16.876, 58.115 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, 16.876, 58.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

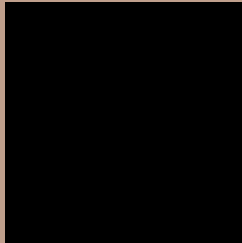
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 16.876, 58.115

Background



This preview shows how black text looks on a background with the CIELCh color 68, 16.876, 58.115.



This preview shows how white text looks on a background with the CIELCh color 68, 16.876, 58.115.

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, 16.876, 58.115

Protanopia

68, 12.586, 92.240

Deuteranopia

68, 16.902, 60.328



Tritanopia
68, 16.980, 356.303

Trichromacy



Original Color
68, 16.876, 58.115

Protanomaly
68, 13.445, 78.208

Deuteranomaly
68, 16.902, 60.328

Tritanomaly
68, 14.618, 18.607

Monochromacy



Original Color
68, 16.876, 58.115

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, 16.876, 58.115 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, 159, 140)` looks like.

```
.text, #text, p{  
    color:rgb(191, 159, 140)  
}
```

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, 159, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 159, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 16.876, 58.115 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, 159, 140) }
```

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

```
.border{ border-color:rgb(191, 159, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 159, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 159, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 159, 140);  
box-shadow:4px 4px 4px 4px rgb(191, 159,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 16.876, 58.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 159, 140) }
```

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

```
.background{ background-color: rgb(191,  
159, 140) }
```

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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