

Converting Colors

CIELCh(68, 16.758, 65.696)

Have a look what the booklet for
CIELCh(68, 16.758, 65.696) contains.

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Color

CIELCh(68, 16.758, 65.696)

Conversions

Conversions Part 1

Format	Color
Hex	BDA18B
RGB	189, 161, 139
RGB Percent	74%, 63%, 55%
CMY	0.2604, 0.3701, 0.4564
CMYK	0.00, 0.15, 0.26, 0.26
HSL	26°, 27%, 64%
HSV	26°, 26%, 74%
XYZ	38.1934, 37.9720, 29.5958
YIQ	166.8640, 23.7500, -0.9060

Conversions

Conversions Part 2

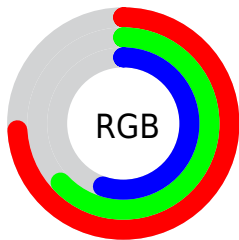
Format	Color
RYB	189, 178, 139
Decimal	12427659
CIELab	68.00, 6.90, 15.27
CIElCh	68, 16.758, 65.696
Yxy	37.9720, 0.3611, 0.3590
Android (android.graphics.Color)	4290617739 (0xFFBDA18B)
YUV	166.8640, -13.7370, 19.4133
Hunter-Lab	61.6215, 2.7979, 14.6590

Details

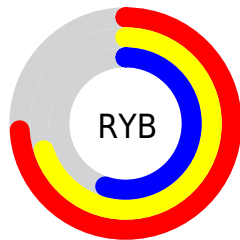
The CIELCh color $68, 16.758, 65.696$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 15.179, 252.433$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 16.652, 65.520$, and $48, 16.798, 66.743$ is the 20% darker color. If you saturate the color by 10%, you get $65, 23.761, 64.615$, and if you desaturate by 10%, it is $71, 10.140, 66.799$.

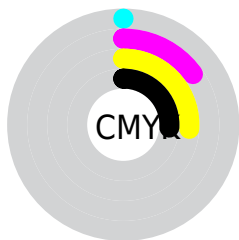
Distribution



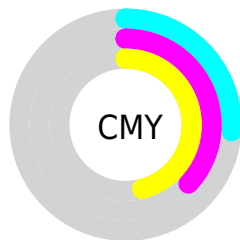
- Red (74%)
- Green (63%)
- Blue (55%)



- Red (74%)
- Yellow (70%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (26%)



- Cyan (26%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 16.758, 65.696 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, 16.758, 65.696 by changing the saturation by 10% instead.

■ 68, 16.758, 65.696

■ 68, 16.758, 65.696

■ 100, 16.758,
65.696

■ 58, 16.758, 65.696

■ 88, 16.758, 65.696

■ 48, 16.758, 65.696

■ 98, 16.758, 65.696

■ 38, 16.758, 65.696

■ 28, 16.758, 65.696

■ 18, 16.758, 65.696

■ 8, 16.758, 65.696

■ 0, 16.758, 65.696

■ 68, 16.758, 65.696

■ 68, 16.758, 65.696

■ 65, 23.761, 64.615

■ 71, 10.140, 66.799

62, 31.153, 63.540

74, 3.882, 67.848

59, 38.899, 62.476

78, 2.047, 249.249

56, 46.883, 61.393

81, 7.682, 250.195

54, 54.827, 60.205

84, 13.056,
251.238

51, 62.153, 58.711

88, 18.200,
252.264

49, 67.957, 56.578

48, 69.881, 55.873

90, 17.941,
235.188

93, 18.814,
214.208

96, 21.514,
198.092

Harmonies

Complementary

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



68, 16.758, 65.696



67, 15.179, 252.433

Rectangle

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



68, 16.758, 65.696



68, 16.758, 115.696



68, 16.758, 245.696



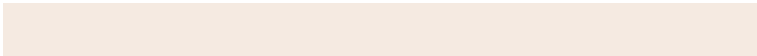
68, 16.758, 295.696

Sweetspot

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



68, 16.758, 65.705



93, 5.935, 67.688



63, 24.665, 342.434



49, 4.234, 67.533



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 16.758, 65.705



84, 25.454, 65.047



74, 24.966, 104.663



38, 3.415, 67.563



41, 61.106, 56.416



5, 10.034, 53.128

Inverse Universe

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



67, 15.179, 252.433



82, 22.472, 253.564



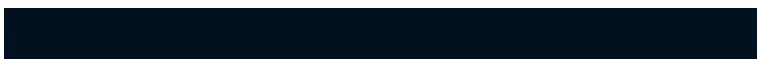
60, 26.344, 290.639



38, 3.312, 249.859



37, 44.260, 276.903



5, 10.881, 262.993

Previews

White Background



This preview shows how the CIELCh color 68, 16.758, 65.696 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, 16.758, 65.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

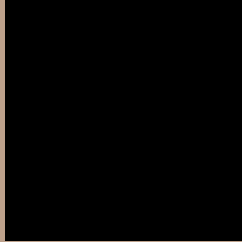
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 16.758, 65.696

Background



This preview shows how black text looks on a background with the CIELCh color 68, 16.758, 65.696.



This preview shows how white text looks on a background with the CIELCh color 68, 16.758, 65.696.

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, 16.758, 65.696

Protanopia

68, 13.642, 93.386

Deuteranopia

68, 17.290, 61.592



Tritanopia
68, 15.342, 355.529

Trichromacy



Original Color
68, 16.758, 65.696

Protanomaly
68, 14.218, 81.679

Deuteranomaly
68, 16.977, 62.517

Tritanomaly
68, 13.053, 22.957

Monochromacy



Original Color
68, 16.758, 65.696

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 5.862, 67.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 16.758, 65.696 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(189, 161, 139)` looks like.

```
.text, #text, p{  
    color:rgb(189, 161, 139)  
}
```

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(189, 161, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 161, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 16.758, 65.696 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(189, 161, 139) }
```

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

```
.border{ border-color:rgb(189, 161, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 161, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 161, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 161, 139); box-shadow:4px 4px 4px 4px rgb(189, 161, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 16.758, 65.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 161, 139) }
```

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

```
.background{ background-color: rgb(189,  
161, 139) }
```

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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