

Converting Colors

CIELCh(68, 5.914, 62.765)

Have a look what the booklet for
CIELCh(68, 5.914, 62.765) contains.

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Color

CIELCh(68, 6.132, 65.210)

Conversions

Conversions Part 1	
Format	Color
Hex	AFA49C
RGB	175, 164, 156
RGB Percent	69%, 64%, 61%
CMY	0.3145, 0.3576, 0.3889
CMYK	0.00, 0.06, 0.11, 0.31
HSL	25°, 11%, 65%
HSV	25°, 11%, 69%
XYZ	36.8656, 37.9720, 36.7583
YIQ	166.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

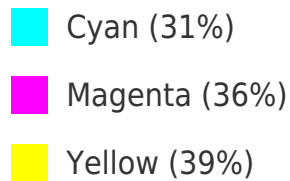
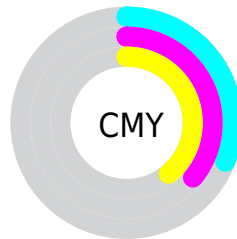
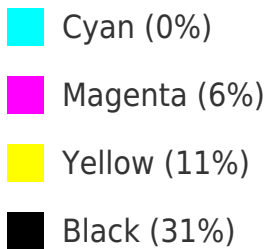
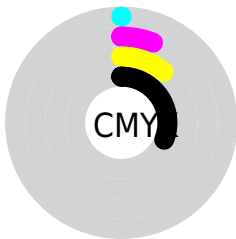
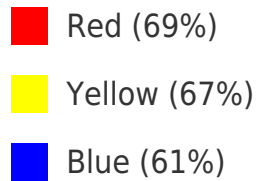
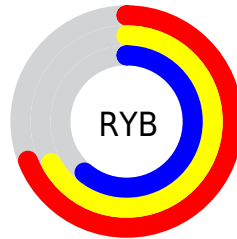
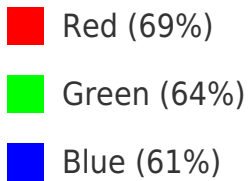
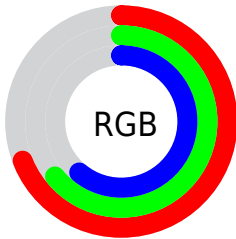
Format	Color
RYB	175, 170, 156
Decimal	11510940
CIELab	68.00, 2.57, 5.57
CIELCh	68, 6.132, 65.210
Yxy	37.9720, 0.3303, 0.3403
Android (android.graphics.Color)	4289701020 (0xFFAFA49C)
YUV	166.3770, -5.1159, 7.5624
Hunter-Lab	61.6215, -1.0482, 7.7675

Details

The CIELCh color **68, 6.132, 65.210** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 5.895, 247.773**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 6.423, 66.244**, and **48, 5.888, 63.867** is the 20% darker color. If you saturate the color by 10%, you get **65, 12.130, 64.206**, and if you desaturate by 10%, it is **71, 0.470, 65.528**.


Distribution




Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 6.132, 65.210 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, 6.132, 65.210 by changing the saturation by 10% instead.

 68, 6.132, 65.210  68, 6.132, 65.210

 100, 6.132, 65.210  58, 6.132, 65.210

 88, 6.132, 65.210  48, 6.132, 65.210


 98, 6.132, 65.210  38, 6.132, 65.210


 28, 6.132, 65.210

 18, 6.132, 65.210

 8, 6.132, 65.210

 0, 6.132, 65.210

 68, 6.132, 65.210  68, 6.132, 65.210

 65, 12.130, 64.206  71, 0.470, 65.528


 62, 18.494, 63.177

 74, 4.890, 247.484

 59, 25.243, 62.168

 77, 9.981, 248.481

 56, 32.372, 61.185


 81, 14.835,
249.482

 53, 39.830, 60.218


 84, 19.480,
250.462

 51, 47.465, 59.220


 48, 54.931, 58.070


 87, 21.903,
245.748

 46, 61.546, 56.500

 90, 21.309,
228.354

 44, 66.592, 54.744

 92, 22.589,
211.728

 95, 25.397,
197.990

Harmonies

Complementary

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



68, 6.132, 65.210



68, 5.895, 247.773

Rectangle

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



68, 6.132, 65.210



68, 6.132, 115.210



68, 6.132, 245.210



68, 6.132, 295.210

Sweetspot

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



68, 6.132, 65.230



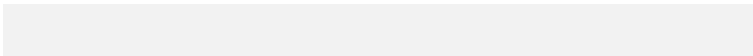
89, 2.043, 65.891



66, 9.514, 340.213



47, 1.566, 65.854



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 6.132, 65.230



85, 9.135, 64.992



70, 9.489, 105.488



35, 3.159, 65.385



38, 59.413, 55.229



4, 6.394, 56.963

Inverse Universe

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



68, 5.895, 247.773



85, 8.696, 248.072



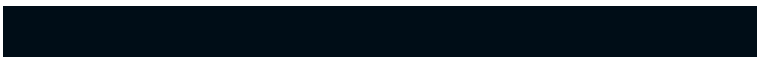
65, 9.685, 287.791



35, 3.057, 247.585



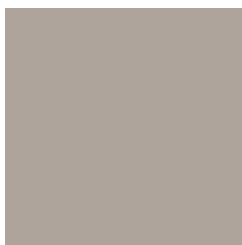
36, 40.938, 274.311



3, 6.929, 257.226

Previews

White Background



This preview shows how the CIELCh color 68, 6.132, 65.210 looks on a white background.

Color Contrast Check

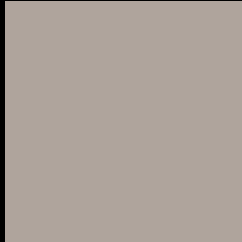
Large Text (above 18pt) WCAG AA × Fail

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, 6.132, 65.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

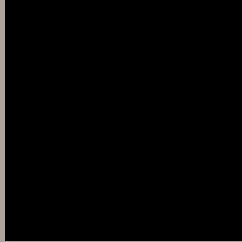
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

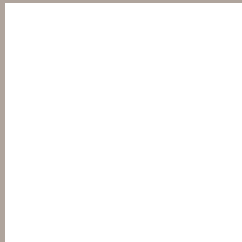
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 6.132, 65.210

Background



This preview shows how black text looks on a background with the CIELCh color 68, 6.132, 65.210.

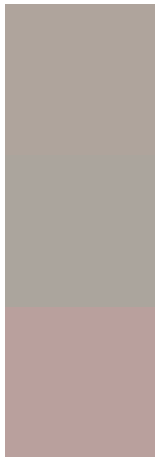


This preview shows how white text looks on a background with the CIELCh color 68, 6.132, 65.210.

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, 6.132, 65.210

Protanopia

68, 4.954, 81.666

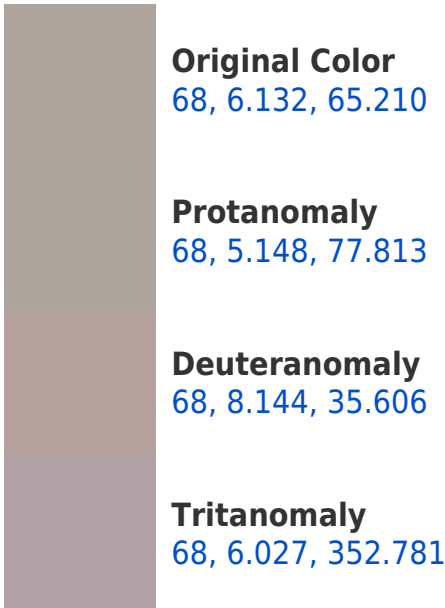
Deuteranopia

68, 9.976, 29.680

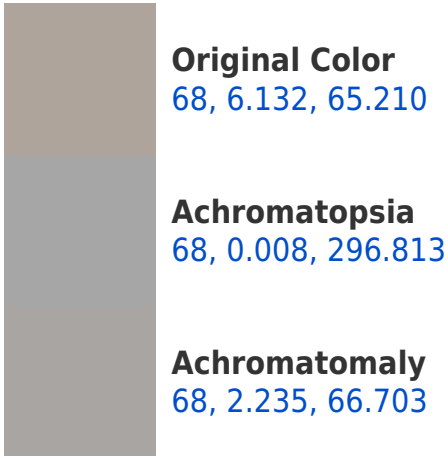


Tritanopia
68, 9.395, 330.614

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 68, 6.132, 65.210 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(175, 164, 156)` looks like.

```
.text, #text, p{  
    color:rgb(175, 164, 156)  
}
```

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(175, 164, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 164, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 6.132, 65.210 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(175, 164, 156) }
```

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

```
.border{ border-color:rgb(175, 164, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 164, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 164, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 164, 156);  
box-shadow:4px 4px 4px 4px rgb(175, 164,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 6.132, 65.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 164, 156) }
```

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

```
.background{ background-color: rgb(175,  
164, 156) }
```

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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