

Converting Colors

CIELCh(68, 9.740, 205.164)

Have a look what the booklet for
CIELCh(68, 9.740, 205.164) contains.

| | |
|--|----|
| CIELCh(68, 9.748, 205.162) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(68, 9.748, 205.162)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 90ABAD |
| RGB | 144, 171, 173 |
| RGB Percent | 56%, 67%, 68% |
| CMY | 0.4361, 0.3302, 0.3223 |
| CMYK | 0.17, 0.01, 0.00, 0.32 |
| HSL | 184°, 15%, 62% |
| HSV | 184°, 17%, 68% |
| XYZ | 33.5166, 37.9720, 44.9973 |
| YIQ | 163.1550, -16.7340, -5.1020 |

Conversions

Conversions Part 2

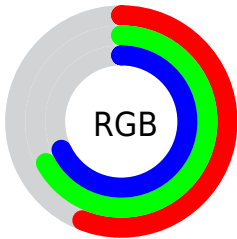
| Format | Color |
|-------------------------------------|--|
| RYB | 144, 158, 173 |
| Decimal | 9481133 |
| CIELab | 68.00, -8.82, -4.14 |
| CIELCh | 68, 9.748, 205.162 |
| Yxy | 37.9720, 0.2877, 0.3260 |
| Android (android.graphics.Color) | 4287671213 (0xFF90ABAD) |
| YUV | 163.1550, 4.8536, -16.7989 |
| Hunter-Lab | 61.6215, -10.7494, -0.1598 |

Details

The CIELCh color $68, 9.748, 205.162$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 10.884, 26.241$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 9.692, 205.018$, and $48, 9.843, 205.302$ is the 20% darker color. If you saturate the color by 10%, you get $67, 15.049, 204.967$, and if you desaturate by 10%, it is $70, 4.048, 205.474$.

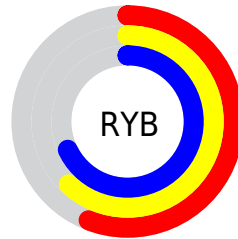
Distribution



Red (56%)

Green (67%)

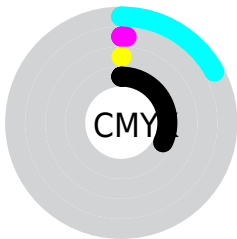
Blue (68%)



Red (56%)

Yellow (62%)

Blue (68%)

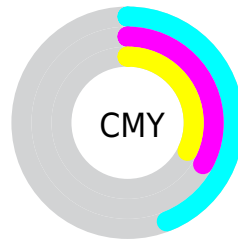


Cyan (17%)

Magenta (1%)

Yellow (0%)

Black (32%)



Cyan (44%)

Magenta (33%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 9.748, 205.162 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, 9.748, 205.162 by changing the saturation by 10% instead.

 68, 9.748, 205.162

 68, 9.748, 205.162

 100, 9.748,
205.162

 58, 9.748, 205.162

 88, 9.748, 205.162

 48, 9.748, 205.162

 98, 9.748, 205.162

 38, 9.748, 205.162

 28, 9.748, 205.162

 18, 9.748, 205.162

 8, 9.748, 205.162

 0, 9.748, 205.162

 68, 9.748, 205.162

 68, 9.748, 205.162

 67, 15.049,

 70, 4.048, 205.474

204.967

71, 1.966, 25.408

65, 19.852,
204.889

73, 8.212, 25.960

64, 24.064,
204.934

75, 14.624, 26.383

63, 27.597,
205.122

77, 21.145, 26.816

62, 30.384,
205.476

79, 27.732, 27.261

62, 32.391,
206.020

80, 30.394, 28.123

80, 30.030, 29.324

61, 33.628,
206.775

80, 29.679, 30.556

60, 34.183,
207.748

60, 34.307,
208.078

Harmonies

Complementary

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



68, 9.748, 205.162



63, 10.884, 26.241

Rectangle

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



68, 9.748, 205.162



68, 9.748, 255.162



68, 9.748, 25.162



68, 9.748, 75.162

Sweetspot

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



68, 9.749, 205.154



88, 3.707, 205.563



68, 18.653, 145.241



47, 2.522, 205.524



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



68, 9.749, 205.154



85, 14.211, 205.075



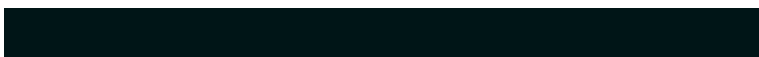
64, 10.103, 264.649



36, 3.368, 205.372



53, 31.007, 207.937



6, 7.100, 208.577

Inverse Universe

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



63, 18.650, 327.276



78, 27.517, 327.480



67, 10.361, 80.141



34, 6.288, 326.844



35, 73.924, 331.128



2, 12.939, 327.256

Previews

White Background



This preview shows how the CIELCh color 68, 9.748, 205.162 looks on a white background.

Color Contrast Check

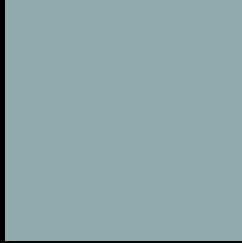
Large Text (above 18pt) WCAG AA × Fail

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, 9.748, 205.162 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, 9.748, 205.162

Background



This preview shows how black text looks on a background with the CIELCh color 68, 9.748, 205.162.

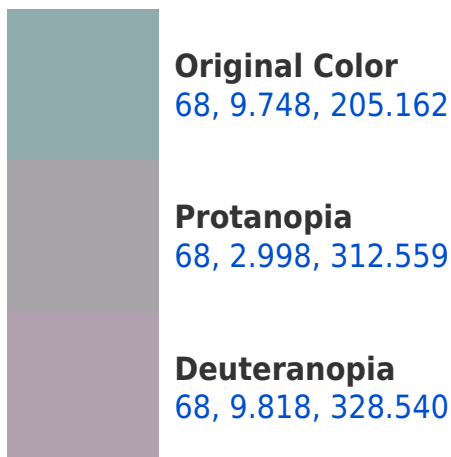


This preview shows how white text looks on a background with the CIELCh color 68, 9.748, 205.162.

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





Tritanopia
68, 11.001, 243.647

Trichromacy



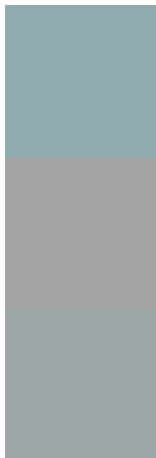
Original Color
68, 9.748, 205.162

Protanomaly
68, 3.377, 240.188

Deuteranomaly
68, 4.963, 290.696

Tritanomaly
68, 10.032, 228.532

Monochromacy



Original Color
68, 9.748, 205.162

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 3.752, 207.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 9.748, 205.162 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(144, 171, 173)` looks like.

```
.text, #text, p{  
    color:rgb(144, 171, 173)  
}
```

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(144, 171, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 171, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 9.748, 205.162 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(144, 171, 173) }
```

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

```
.border{ border-color:rgb(144, 171, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 171, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 171, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 171, 173);  
box-shadow:4px 4px 4px 4px rgb(144, 171,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 9.748, 205.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 171, 173) }
```

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

```
.background{ background-color: rgb(144,  
171, 173) }
```

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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