

Converting Colors

CIELCh(68, 11.565, 177.813)

Have a look what the booklet for
CIELCh(68, 11.565, 177.813)
contains.

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Color

CIELCh(68, 11.390, 178.643)

Conversions

Conversions Part 1

Format	Color
Hex	8FACA5
RGB	143, 172, 165
RGB Percent	56%, 67%, 65%
CMY	0.4399, 0.3262, 0.3536
CMYK	0.17, 0.00, 0.04, 0.33
HSL	166°, 15%, 62%
HSV	166°, 17%, 67%
XYZ	32.7921, 37.9720, 41.1145
YIQ	162.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

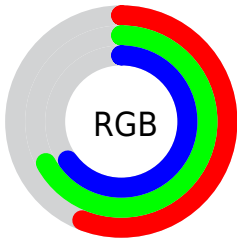
Format	Color
RYB	143, 159, 172
Decimal	9415845
CIELab	68.00, -11.39, 0.27
CIELCh	68, 11.390, 178.643
Yxy	37.9720, 0.2931, 0.3394
Android (android.graphics.Color)	4287605925 (0xFF8FACA5)
YUV	162.5310, 1.2172, -17.1287
Hunter-Lab	61.6215, -12.8480, 3.5761

Details

The CIELCh color $68, 11.390, 178.643$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $62, 12.076, 1.781$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 11.189, 179.575$, and $48, 11.701, 177.431$ is the 20% darker color. If you saturate the color by 10%, you get $67, 17.845, 177.631$, and if you desaturate by 10%, it is $69, 4.693, 179.626$.

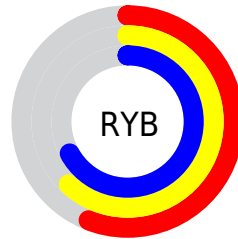
Distribution



Red (56%)

Green (67%)

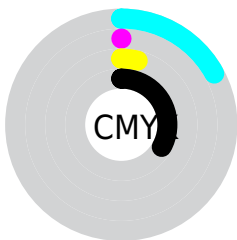
Blue (65%)



Red (56%)

Yellow (62%)

Blue (67%)

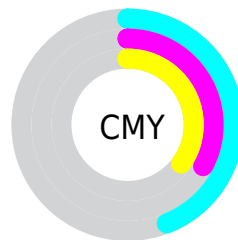


Cyan (17%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 11.390, 178.643 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, 11.390, 178.643 by changing the saturation by 10% instead.

 68, 11.390,
178.643

 68, 11.390,
178.643


 100, 11.390,
178.643


 58, 11.390,
178.643


 88, 11.390,
178.643

 48, 11.390,
178.643

 98, 11.390,
178.643

 38, 11.390,
178.643

 28, 11.390,
178.643

 18, 11.390,
178.643

 8, 11.390, 178.643

 0, 11.390, 178.643

68, 11.390,
178.643

68, 11.390,
178.643

67, 17.845,
177.631

69, 4.693, 179.626

66, 23.950,
176.559

71, 2.154, 0.209

72, 9.071, 1.207

65, 29.592,
175.400

74, 15.994, 2.034

64, 34.664,
174.133

76, 22.873, 2.815

78, 29.672, 3.564

64, 39.075,
172.735

79, 33.441, 2.222

63, 42.763,
171.182


79, 34.011,
358.655

63, 45.718,
169.454

79, 34.720,
355.229

63, 48.016,

167.558

 63, 48.688,
166.972

Harmonies

Complementary

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



68, 11.390, 178.643



62, 12.076, 1.781

Rectangle

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



68, 11.390, 178.643



68, 11.390, 228.643



68, 11.390, 358.643



68, 11.390, 48.643

Sweetspot

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



68, 11.391, 178.638



88, 4.246, 179.821



68, 18.056, 136.533



47, 2.892, 179.745



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, 11.391, 178.638



86, 16.688, 178.293



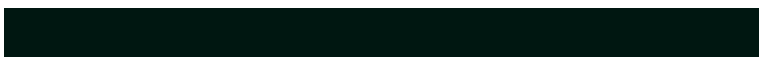
66, 8.698, 226.447



36, 3.884, 179.380



55, 44.010, 167.206



6, 8.661, 174.416

Inverse Universe

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



62, 12.076, 1.781



77, 17.917, 2.190



64, 9.634, 44.707



34, 4.011, 0.950



31, 60.640, 25.183



2, 8.144, 3.482

Previews

White Background



This preview shows how the CIELCh color 68, 11.390, 178.643 looks on a white background.

Color Contrast Check

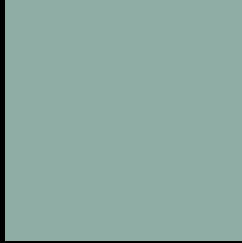
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 11.390, 178.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

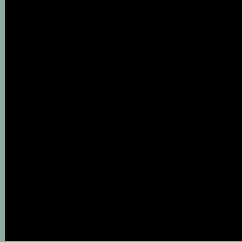
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 11.390, 178.643

Background



This preview shows how black text looks on a background with the CIELCh color 68, 11.390, 178.643.

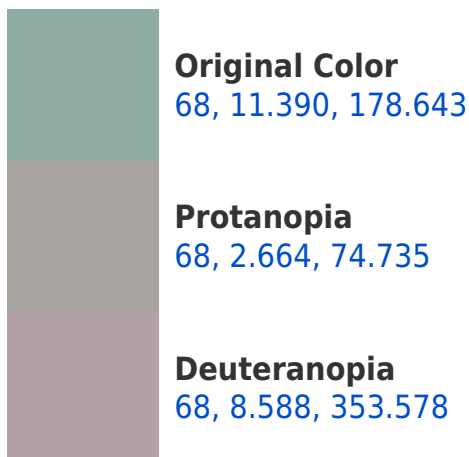


This preview shows how white text looks on a background with the CIELCh color 68, 11.390, 178.643.

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, 11.390, 178.643

Protanomaly
68, 4.114, 157.219

Deuteranomaly
68, 1.352, 324.341

Tritanomaly
68, 9.443, 219.324

Monochromacy



Original Color
68, 11.390, 178.643

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.471, 177.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 11.390, 178.643 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(143, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(143, 172, 165)  
}
```

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(143, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 172, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 11.390, 178.643 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(143, 172, 165) }
```

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

```
.border{ border-color:rgb(143, 172, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(143, 172,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 11.390, 178.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 172, 165) }
```

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

```
.background{ background-color: rgb(143,  
172, 165) }
```

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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