

Converting Colors

CIELCh(65, 11.478, 178.569)

Have a look what the booklet for
CIELCh(65, 11.478, 178.569)
contains.

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Color

CIELCh(65, 11.478, 178.568)

Conversions

Conversions Part 1

Format	Color
Hex	87A49D
RGB	135, 164, 157
RGB Percent	53%, 64%, 62%
CMY	0.4713, 0.3576, 0.3850
CMYK	0.18, 0.00, 0.04, 0.36
HSL	166°, 14%, 59%
HSV	166°, 18%, 64%
XYZ	29.2739, 34.0472, 36.8436
YIQ	154.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

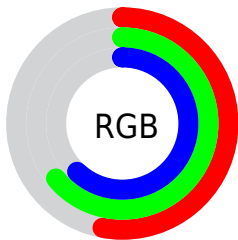
Format	Color
RYB	135, 151, 164
Decimal	8889501
CIELab	65.00, -11.47, 0.29
CIElCh	65, 11.478, 178.568
Yxy	34.0472, 0.2923, 0.3399
Android (android.graphics.Color)	4287079581 (0xFF87A49D)
YUV	154.5310, 1.2172, -17.1287
Hunter-Lab	58.3500, -12.5598, 3.4078

Details

The CIELCh color **65, 11.478, 178.568** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 12.202, 1.868**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 11.258, 179.530**, and **45, 11.225, 179.463** is the 20% darker color. If you saturate the color by 10%, you get **64, 17.666, 177.556**, and if you desaturate by 10%, it is **66, 5.052, 179.544**.

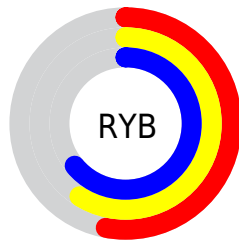
Distribution



Red (53%)

Green (64%)

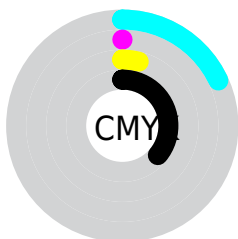
Blue (62%)



Red (53%)

Yellow (59%)

Blue (64%)

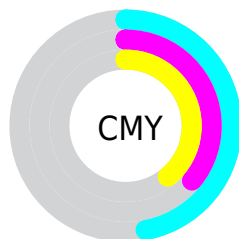


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (47%)


Magenta (36%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 11.478, 178.568 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 65, 11.478, 178.568 by changing the saturation by 10% instead.


 65, 11.478,
178.568


 65, 11.478,
178.568


 100, 11.478,
178.568


 55, 11.478,
178.568


 85, 11.478,
178.568

 45, 11.478,
178.568

 95, 11.478,
178.568

 35, 11.478,
178.568

 25, 11.478,
178.568

 15, 11.478,
178.568

 5, 11.478, 178.568

 0, 11.478, 178.568

65, 11.478,
178.568

65, 11.478,
178.568

64, 17.666,
177.556

66, 5.052, 179.544

63, 23.509,
176.483

68, 1.525, 0.062

69, 8.175, 1.132

62, 28.903,
175.322

71, 14.835, 1.961

61, 33.744,
174.052

72, 21.457, 2.743

74, 28.006, 3.492

61, 37.945,
172.650

76, 34.455, 4.212

60, 41.453,
171.093

77, 36.873, 2.334

60, 44.260,
169.363

77, 37.387,
359.220

60, 46.463,

167.477

■ 60, 46.948,
167.053

Harmonies

Complementary

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



65, 11.478, 178.568



59, 12.202, 1.868

Rectangle

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



65, 11.478, 178.568



65, 11.478, 228.568



65, 11.478, 358.568



65, 11.478, 48.568

Sweetspot

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



65, 11.479, 178.563



85, 4.089, 179.822



65, 18.218, 136.494



45, 2.783, 179.748



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 11.479, 178.563



82, 16.847, 178.197



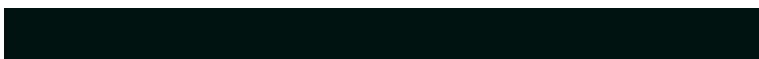
63, 8.757, 226.501



34, 3.694, 179.388



53, 42.875, 167.272



4, 5.971, 176.363

Inverse Universe

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



59, 12.202, 1.868



74, 18.152, 2.306



61, 9.748, 44.685



32, 3.814, 0.941



30, 59.055, 24.995



1, 5.756, 1.832

Previews

White Background



This preview shows how the CIELCh color 65, 11.478, 178.568 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 65, 11.478, 178.568 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

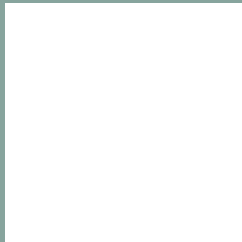
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 11.478, 178.568

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.478, 178.568.

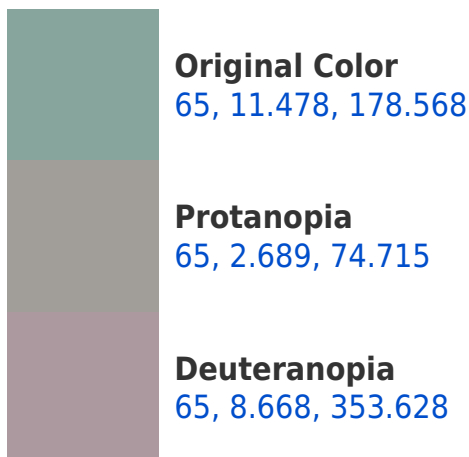


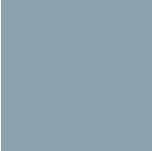
This preview shows how white text looks on a background with the CIELCh color 65, 11.478, 178.568.

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
65, 10.725, 241.458

Trichromacy



Original Color
65, 11.478, 178.568

Protanomaly
65, 4.152, 157.199

Deuteranomaly
65, 1.364, 324.351

Tritanomaly
65, 9.503, 219.357

Monochromacy



Original Color
65, 11.478, 178.568

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.511, 177.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.478, 178.568 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(135, 164, 157)` looks like.

```
.text, #text, p{  
    color:rgb(135, 164, 157)  
}
```

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(135, 164, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 164, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.478, 178.568 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(135, 164, 157) }
```

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

```
.border{ border-color:rgb(135, 164, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 164, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 164, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 164, 157);  
box-shadow:4px 4px 4px 4px rgb(135, 164,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.478, 178.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 164, 157) }
```

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

```
.background{ background-color: rgb(135,  
164, 157) }
```

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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