

Converting Colors

CIELCh(65, 19.576, 177.737)

Have a look what the booklet for
CIELCh(65, 19.576, 177.737)
contains.

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Color

CIELCh(65, 19.576, 177.737)

Conversions

Conversions Part 1

Format	Color
Hex	75A89C
RGB	117, 168, 156
RGB Percent	46%, 66%, 61%
CMY	0.5423, 0.3423, 0.3894
CMYK	0.30, 0.00, 0.07, 0.34
HSL	166°, 23%, 56%
HSV	166°, 30%, 66%
XYZ	27.2207, 34.0472, 36.4594
YIQ	151.3830, -26.5440, -14.5440

Conversions

Conversions Part 2

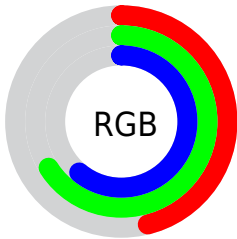
Format	Color
RYB	117, 146, 168
Decimal	7710876
CIELab	65.00, -19.56, 0.77
CIElCh	65, 19.576, 177.737
Yxy	34.0472, 0.2785, 0.3484
Android (android.graphics.Color)	4285900956 (0xFF75A89C)
YUV	151.3830, 2.2762, -30.1539
Hunter-Lab	58.3500, -18.8407, 3.7982

Details

The CIELCh color **65, 19.576, 177.737** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **55, 21.879, 3.950**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 19.651, 177.620**, and **45, 19.740, 177.695** is the 20% darker color. If you saturate the color by 10%, you get **64, 25.383, 176.644**, and if you desaturate by 10%, it is **66, 13.386, 178.754**.

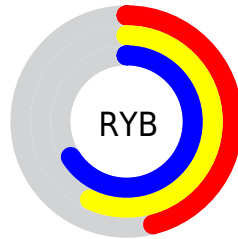
Distribution



Red (46%)

Green (66%)

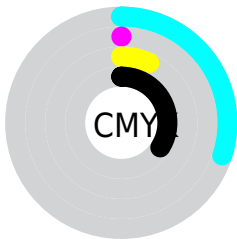
Blue (61%)



Red (46%)

Yellow (57%)

Blue (66%)

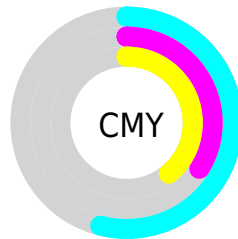


Cyan (30%)

Magenta (0%)

Yellow (7%)

Black (34%)



Cyan (54%)


Magenta (34%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 19.576, 177.737 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, 19.576, 177.737 by changing the saturation by 10% instead.


 65, 19.576,
177.737


 65, 19.576,
177.737


 100, 19.576,
177.737


 55, 19.576,
177.737


 85, 19.576,
177.737

 45, 19.576,
177.737

 95, 19.576,
177.737

 35, 19.576,
177.737

 25, 19.576,
177.737

 15, 19.576,
177.737

 5, 19.576, 177.737

 0, 19.576, 177.737

65, 19.576,
177.737

65, 19.576,
177.737

64, 25.383,
176.644

66, 13.386,
178.754

63, 30.696,
175.462

67, 6.918, 179.731

69, 0.268, 182.196

63, 35.414,
174.167

70, 6.479, 1.348

62, 39.457,
172.736

72, 13.257, 2.198

62, 42.782,
171.146

74, 20.012, 2.993

75, 26.703, 3.752

61, 45.398,
169.380

77, 33.301, 4.482

61, 47.421,
167.580

78, 35.223, 2.154

Harmonies

Complementary

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



65, 19.576, 177.737



55, 21.879, 3.950

Rectangle

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



65, 19.576, 177.737



65, 19.576, 227.737



65, 19.576, 357.737



65, 19.576, 47.737

Sweetspot

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



65, 19.577, 177.734



85, 7.382, 179.854



65, 31.913, 135.801



45, 5.163, 179.715



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 19.577, 177.734



81, 28.146, 177.064



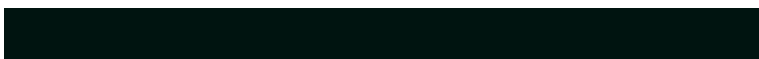
62, 14.759, 227.619



35, 3.778, 179.841



54, 43.107, 167.803



5, 7.215, 175.792

Inverse Universe

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



55, 21.879, 3.950



66, 32.245, 4.891



57, 17.961, 44.382



33, 3.903, 1.399



30, 60.061, 25.600



1, 6.876, 3.058

Previews

White Background



This preview shows how the CIE LCh color 65, 19.576, 177.737 looks on a white background.

Color Contrast Check

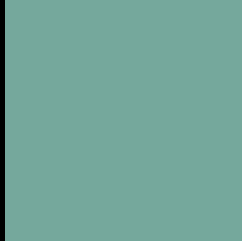
Large Text (above 18pt) WCAG AA × Fail

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 65, 19.576, 177.737 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, 19.576, 177.737

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.576, 177.737.

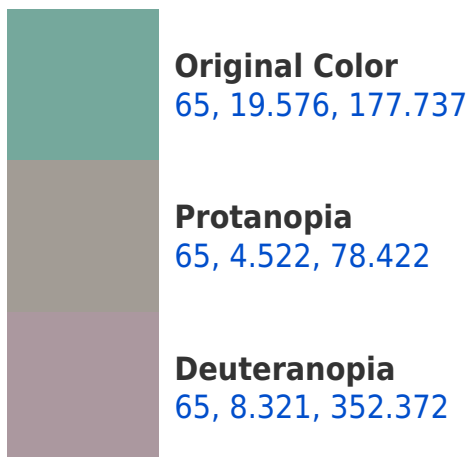


This preview shows how white text looks on a background with the CIELCh color 65, 19.576, 177.737.

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, 15.967, 227.746

Trichromacy



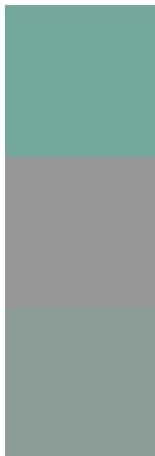
Original Color
65, 19.576, 177.737

Protanomaly
65, 7.371, 156.103

Deuteranomaly
65, 2.644, 199.341

Tritanomaly
65, 15.711, 208.406

Monochromacy



Original Color
65, 19.576, 177.737

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 7.167, 180.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 19.576, 177.737 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(117, 168, 156)` looks like.

```
.text, #text, p{  
    color:rgb(117, 168, 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(117, 168, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 168, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.576, 177.737 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(117, 168, 156) }
```

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

```
.border{ border-color:rgb(117, 168, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 168, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 168, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 168, 156);  
box-shadow:4px 4px 4px 4px rgb(117, 168,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.576, 177.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 168, 156) }
```

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

```
.background{ background-color: rgb(117,  
168, 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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