

Converting Colors

CIELCh(65, 17.581, 193.349)

Have a look what the booklet for
CIELCh(65, 17.581, 193.349)
contains.

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Color

CIELCh(65, 17.611, 192.440)

Conversions

Conversions Part 1

Format	Color
Hex	75A7A4
RGB	117, 167, 164
RGB Percent	46%, 65%, 64%
CMY	0.5416, 0.3455, 0.3573
CMYK	0.30, 0.00, 0.02, 0.35
HSL	176°, 22%, 56%
HSV	176°, 30%, 65%
XYZ	27.8105, 34.0472, 40.1755
YIQ	151.7080, -28.8370, -11.5330

Conversions

Conversions Part 2

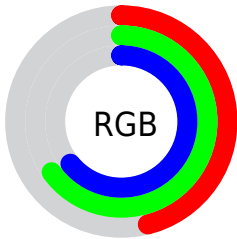
Format	Color
RYB	117, 143, 167
Decimal	7710628
CIELab	65.00, -17.20, -3.79
CIElCh	65, 17.611, 192.440
Yxy	34.0472, 0.2726, 0.3337
Android (android.graphics.Color)	4285900708 (0xFF75A7A4)
YUV	151.7080, 6.0600, -30.4389
Hunter-Lab	58.3500, -17.0366, 0.0222

Details

The CIELCh color `65, 17.611, 192.440` is a light color, and the websafe version is hex `669999`. A complement of this color would be `54, 21.040, 17.247`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 17.385, 192.982`, and `45, 17.707, 191.582` is the 20% darker color. If you saturate the color by 10%, you get `64, 22.625, 191.775`, and if you desaturate by 10%, it is `66, 12.098, 193.112`.

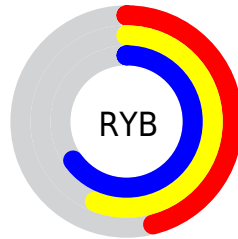
Distribution



Red (46%)

Green (65%)

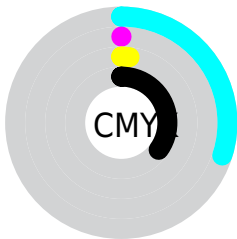
Blue (64%)



Red (46%)

Yellow (56%)

Blue (65%)

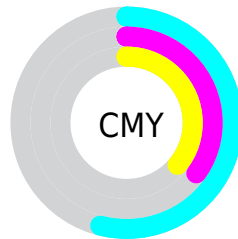


Cyan (30%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (54%)


Magenta (35%)


Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 17.611, 192.440 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, 17.611, 192.440 by changing the saturation by 10% instead.


 65, 17.611,
192.440


 65, 17.611,
192.440


 100, 17.611,
192.440


 55, 17.611,
192.440


 85, 17.611,
192.440


 45, 17.611,
192.440


 95, 17.611,
192.440

 35, 17.611,
192.440

 25, 17.611,
192.440

 15, 17.611,
192.440

 5, 17.611, 192.440

 0, 17.611, 192.440

65, 17.611,
192.440

65, 17.611,
192.440

64, 22.625,
191.775

66, 12.098,
193.112

63, 27.042,
191.121

67, 6.186, 193.822

68, 0.029, 357.830

63, 30.775,
190.469

70, 6.456, 15.038

62, 33.764,
189.808

71, 13.025, 15.763

62, 35.987,
189.127

73, 19.671, 16.463

75, 26.346, 17.153

62, 37.466,
188.413

77, 33.012, 17.835

62, 38.390,
187.667

77, 34.814, 17.392

62, 38.394,

187.664

Harmonies

Complementary

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



65, 17.611, 192.440



54, 21.040, 17.247

Rectangle

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



65, 17.611, 192.440



65, 17.611, 242.440



65, 17.611, 12.440



65, 17.611, 62.440

Sweetspot

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



65, 17.612, 192.436



85, 6.927, 193.883



64, 33.187, 140.787



45, 4.837, 193.777



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, 17.612, 192.436



82, 25.551, 191.992



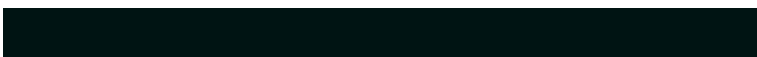
59, 15.387, 252.180



35, 3.544, 193.873



55, 35.114, 187.746



5, 6.630, 192.529

Inverse Universe

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



54, 21.040, 17.247



66, 31.926, 18.194



60, 17.279, 64.613



33, 3.730, 15.047



30, 66.917, 36.917



1, 6.597, 15.113

Previews

White Background



This preview shows how the CIELCh color 65, 17.611, 192.440 looks on a white background.

Color Contrast Check

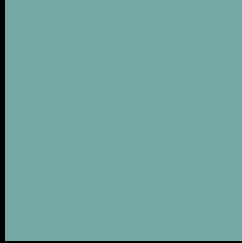
Large Text (above 18pt) WCAG AA × Fail

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, 17.611, 192.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

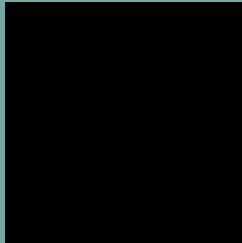
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 17.611, 192.440

Background



This preview shows how black text looks on a background with the CIELCh color 65, 17.611, 192.440.

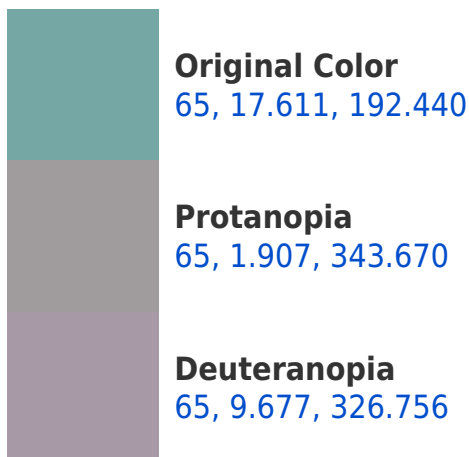



This preview shows how white text looks on a background with the CIELCh color 65, 17.611, 192.440.

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, 16.571, 224.306

Trichromacy



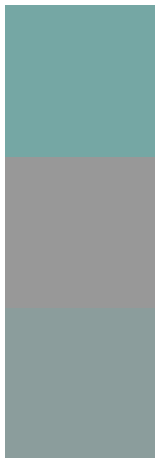
Original Color
65, 17.611, 192.440

Protanomaly
65, 5.952, 198.951

Deuteranomaly
65, 5.497, 253.506

Tritanomaly
65, 16.402, 211.939

Monochromacy



Original Color
65, 17.611, 192.440

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 6.747, 194.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 17.611, 192.440 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, 167, 164)` looks like.

```
.text, #text, p{  
    color:rgb(117, 167, 164)  
}
```

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, 167, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 167, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 17.611, 192.440 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, 167, 164) }
```

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

```
.border{ border-color:rgb(117, 167, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 167, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 167, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 167, 164);  
box-shadow:4px 4px 4px 4px rgb(117, 167,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 17.611, 192.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 167, 164) }
```

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

```
.background{ background-color: rgb(117,  
167, 164) }
```

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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