

Converting Colors

CIELCh(66, 17.769, 205.190)

Have a look what the booklet for
CIELCh(66, 17.769, 205.190)
contains.

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Color

CIELCh(66, 17.776, 205.189)

Conversions

Conversions Part 1

Format	Color
Hex	75A9AD
RGB	117, 169, 173
RGB Percent	46%, 66%, 68%
CMY	0.5400, 0.3360, 0.3203
CMYK	0.32, 0.02, 0.00, 0.32
HSL	184°, 26%, 57%
HSV	184°, 32%, 68%
XYZ	29.1957, 35.3238, 44.9725
YIQ	153.9080, -32.2760, -9.7800

Conversions

Conversions Part 2

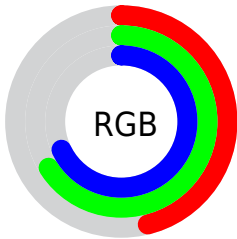
Format	Color
RYB	117, 144, 173
Decimal	7711149
CIELab	66.00, -16.09, -7.57
CIElCh	66, 17.776, 205.189
Yxy	35.3238, 0.2666, 0.3226
Android (android.graphics.Color)	4285901229 (0xFF75A9AD)
YUV	153.9080, 9.4124, -32.3683
Hunter-Lab	59.4338, -16.3245, -3.2599

Details

The CIELCh color **66, 17.776, 205.189** is a light color, and the websafe version is hex **669999**. A complement of this color would be **56, 22.309, 27.594**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 17.664, 205.123**, and **46, 17.925, 205.215** is the 20% darker color. If you saturate the color by 10%, you get **65, 22.263, 205.188**, and if you desaturate by 10%, it is **67, 12.739, 205.300**.

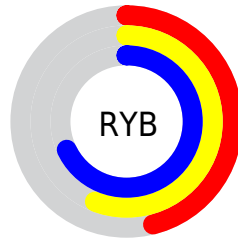
Distribution



Red (46%)

Green (66%)

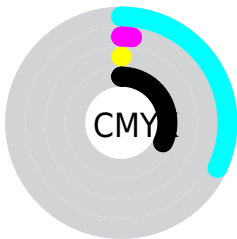
Blue (68%)



Red (46%)

Yellow (56%)

Blue (68%)

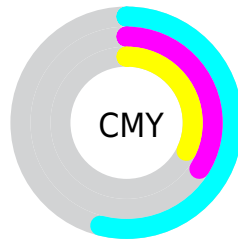


Cyan (32%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (54%)


Magenta (34%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 17.776, 205.189 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 66, 17.776, 205.189 by changing the saturation by 10% instead.


 66, 17.776,
205.189


 66, 17.776,
205.189


 100, 17.776,
205.189


 56, 17.776,
205.189


 86, 17.776,
205.189

 46, 17.776,
205.189

 96, 17.776,
205.189

 36, 17.776,
205.189

 26, 17.776,
205.189

 16, 17.776,
205.189

 6, 17.776, 205.189

 0, 17.776, 205.189

66, 17.776,
205.189

66, 17.776,
205.189

65, 22.263,
205.188

67, 12.739,
205.300

64, 26.108,
205.328

69, 7.248, 205.524

70, 1.397, 206.081

63, 29.233,
205.628

72, 4.730, 25.943

62, 31.588,
206.111

74, 11.059, 26.373

61, 33.161,
206.804

76, 17.528, 26.791

78, 24.086, 27.222

61, 33.993,
207.724

80, 30.306, 27.708

60, 34.293,
208.549

80, 29.923, 28.956

Harmonies

Complementary

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



66, 17.776, 205.189



56, 22.309, 27.594

Rectangle

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



66, 17.776, 205.189



66, 17.776, 255.189



66, 17.776, 25.189



66, 17.776, 75.189

Sweetspot

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



66, 17.776, 205.185



87, 7.304, 205.590



66, 36.009, 143.974



46, 4.959, 205.547



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 17.776, 205.185



82, 25.636, 205.175



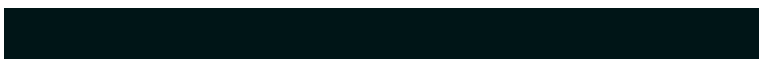
58, 19.504, 267.447



36, 3.360, 205.619



53, 30.927, 208.398



6, 7.079, 208.930

Inverse Universe

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



57, 35.897, 328.232



69, 53.118, 328.639



63, 20.560, 78.116



34, 6.277, 326.918



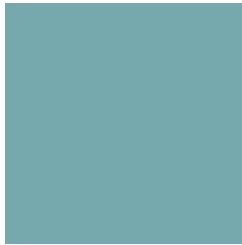
35, 73.781, 331.241



2, 12.907, 327.363

Previews

White Background



This preview shows how the CIELCh color 66, 17.776, 205.189 looks on a white background.

Color Contrast Check

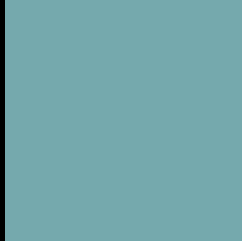
Large Text (above 18pt) WCAG AA × Fail

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 66, 17.776, 205.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

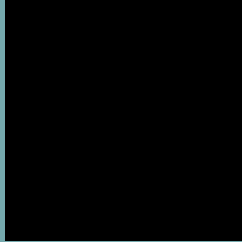
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

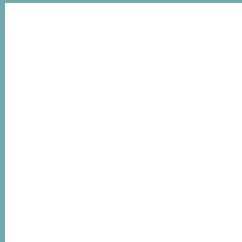
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 17.776, 205.189

Background



This preview shows how black text looks on a background with the CIELCh color 66, 17.776, 205.189.

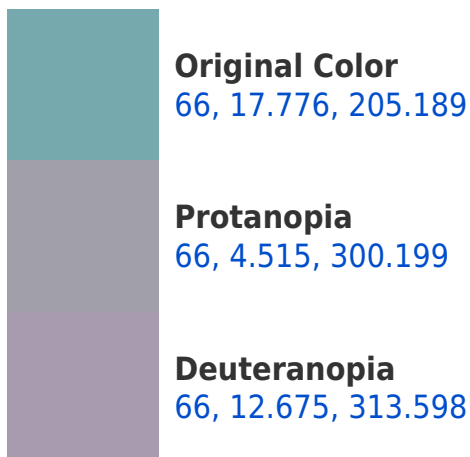



This preview shows how white text looks on a background with the CIELCh color 66, 17.776, 205.189.

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](#).

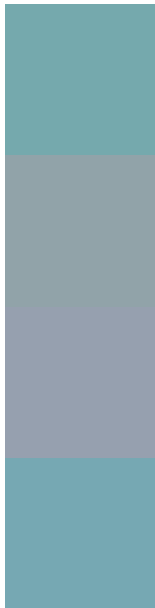
Dichromacy





Tritanopia
66, 17.796, 224.245

Trichromacy



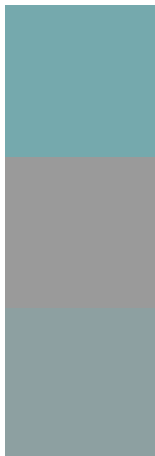
Original Color
66, 17.776, 205.189

Protanomaly
66, 7.271, 226.267

Deuteranomaly
66, 8.992, 267.402

Tritanomaly
66, 17.622, 218.526

Monochromacy



Original Color
66, 17.776, 205.189

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.024, 203.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 17.776, 205.189 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, 169, 173)` looks like.

```
.text, #text, p{  
    color:rgb(117, 169, 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(117, 169, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 169, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 17.776, 205.189 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, 169, 173) }
```

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

```
.border{ border-color:rgb(117, 169, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 169, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 169, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 169, 173);  
box-shadow:4px 4px 4px 4px rgb(117, 169,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 17.776, 205.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 169, 173) }
```

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

```
.background{ background-color: rgb(117,  
169, 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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