

Converting Colors

CIELCh(66, 16.868, 203.724)

Have a look what the booklet for
CIELCh(66, 16.868, 203.724)
contains.

CIELCh(66, 16.883, 203.723)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 16.883, 203.723)

Conversions

Conversions Part 1

Format	Color
Hex	78A9AC
RGB	120, 169, 172
RGB Percent	47%, 66%, 67%
CMY	0.5296, 0.3374, 0.3257
CMYK	0.30, 0.02, 0.00, 0.33
HSL	183°, 24%, 57%
HSV	183°, 30%, 67%
XYZ	29.3594, 35.3238, 44.2757
YIQ	154.6910, -30.1670, -9.4550

Conversions

Conversions Part 2

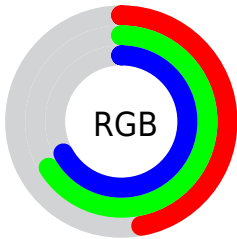
Format	Color
R _{YB}	120, 145, 172
Decimal	7907756
CIE _{Lab}	66.00, -15.46, -6.79
CIE _{LCh}	66, 16.883, 203.723
Y _{xy}	35.3238, 0.2695, 0.3242
Android (android.graphics.Color)	4286097836 (0xFF78A9AC)
YUV	154.6910, 8.5333, -30.4240
Hunter-Lab	59.4338, -15.8330, -2.5648

Details

The CIELCh color **66, 16.883, 203.723** is a light color, and the websafe version is hex **669999**. A complement of this color would be **56, 20.820, 26.289**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 16.748, 203.732**, and **46, 16.847, 203.744** is the 20% darker color. If you saturate the color by 10%, you get **65, 21.525, 203.616**, and if you desaturate by 10%, it is **67, 11.709, 203.925**.

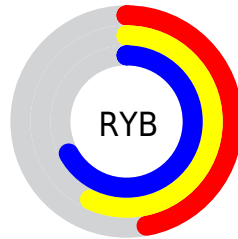
Distribution



Red (47%)

Green (66%)

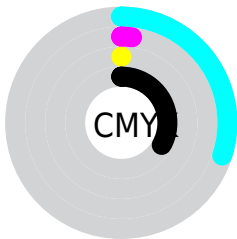
Blue (67%)



Red (47%)

Yellow (57%)

Blue (67%)

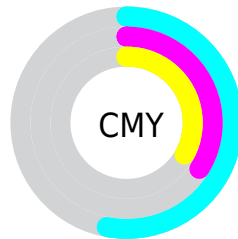


Cyan (30%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (53%)


Magenta (34%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 16.883, 203.723 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, 16.883, 203.723 by changing the saturation by 10% instead.


 66, 16.883,
203.723


 66, 16.883,
203.723


 100, 16.883,
203.723


 56, 16.883,
203.723


 86, 16.883,
203.723

 46, 16.883,
203.723

 96, 16.883,
203.723

 36, 16.883,
203.723

 26, 16.883,
203.723

 16, 16.883,
203.723

 6, 16.883, 203.723

 0, 16.883, 203.723

66, 16.883,
203.723

66, 16.883,
203.723

65, 21.525,
203.616

67, 11.709,
203.925

64, 25.540,
203.629

69, 6.099, 204.235

63, 28.847,
203.777

70, 0.146, 207.886

72, 6.067, 24.789

62, 31.392,
204.079

74, 12.467, 25.251

62, 33.153,
204.552

76, 18.993, 25.712

78, 25.596, 26.184

61, 34.160,
205.213

79, 31.217, 26.731

61, 34.603,
206.009

80, 30.900, 27.687

Harmonies

Complementary

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



66, 16.883, 203.723



56, 20.820, 26.289

Rectangle

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



66, 16.883, 203.723



66, 16.883, 253.723



66, 16.883, 23.723



66, 16.883, 73.723

Sweetspot

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



66, 16.883, 203.719



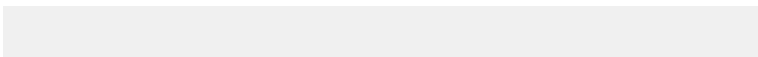
88, 6.675, 204.277



66, 33.892, 143.698



46, 4.616, 204.222



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, 16.883, 203.719



83, 24.305, 203.640



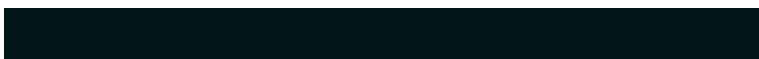
59, 17.799, 265.381



36, 3.403, 204.271



53, 31.385, 205.898



6, 7.198, 207.007

Inverse Universe

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



57, 33.723, 327.700



70, 49.644, 328.051



63, 18.844, 76.775



34, 6.337, 326.518



35, 74.569, 330.626



2, 13.082, 326.782

Previews

White Background



This preview shows how the CIELCh color 66, 16.883, 203.723 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, 16.883, 203.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

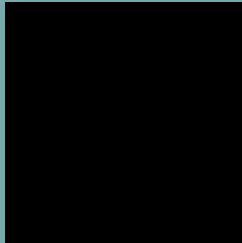
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

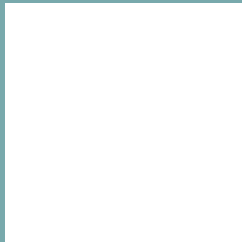
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 16.883, 203.723

Background



This preview shows how black text looks on a background with the CIELCh color 66, 16.883, 203.723.

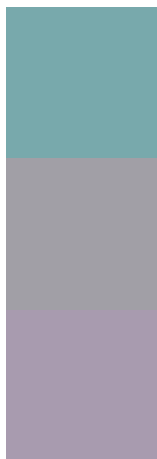


This preview shows how white text looks on a background with the CIELCh color 66, 16.883, 203.723.

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



Original Color

66, 16.883, 203.723

Protanopia

66, 3.970, 301.497

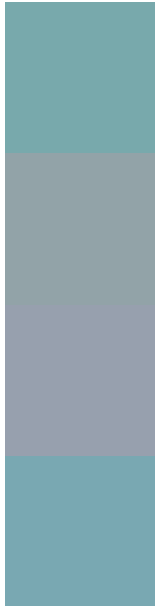
Deuteranopia

66, 12.167, 314.588



Tritanopia
66, 16.821, 223.792

Trichromacy



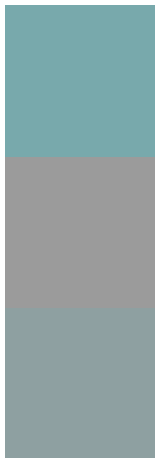
Original Color
66, 16.883, 203.723

Protanomaly
66, 6.742, 223.324

Deuteranomaly
66, 8.355, 268.025

Tritanomaly
66, 16.662, 217.752

Monochromacy



Original Color
66, 16.883, 203.723

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 6.667, 203.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 16.883, 203.723 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(120, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(120, 169, 172)  
}
```

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(120, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 169, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 16.883, 203.723 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(120, 169, 172) }
```

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

```
.border{ border-color:rgb(120, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(120, 169,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 16.883, 203.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 169, 172) }
```

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

```
.background{ background-color: rgb(120,  
169, 172) }
```

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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