

Converting Colors

CIELCh(66, 16.740, 194.937)

Have a look what the booklet for
CIELCh(66, 16.740, 194.937)
contains.

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Color

CIELCh(66, 16.768, 196.097)

Conversions

Conversions Part 1

Format	Color
Hex	79A9A8
RGB	121, 169, 168
RGB Percent	47%, 66%, 66%
CMY	0.5250, 0.3368, 0.3407
CMYK	0.28, 0.00, 0.01, 0.34
HSL	179°, 22%, 57%
HSV	179°, 28%, 66%
XYZ	29.1893, 35.3238, 42.3821
YIQ	154.5340, -28.2870, -10.4870

Conversions

Conversions Part 2

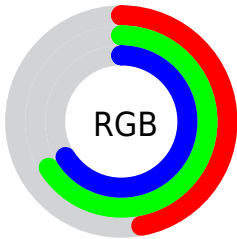
Format	Color
RYB	121, 145, 169
Decimal	7973288
CIELab	66.00, -16.11, -4.65
CIELCh	66, 16.768, 196.097
Yxy	35.3238, 0.2731, 0.3305
Android (android.graphics.Color)	4286163368 (0xFF79A9A8)
YUV	154.5340, 6.6387, -29.4093
Hunter-Lab	59.4338, -16.3440, -0.6759

Details

The CIELCh color **66, 16.768, 196.097** is a light color, and the websafe version is hex **669999**. A complement of this color would be **56, 20.117, 20.065**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 16.576, 196.466**, and **46, 16.847, 195.524** is the 20% darker color. If you saturate the color by 10%, you get **65, 21.803, 195.584**, and if you desaturate by 10%, it is **67, 11.218, 196.645**.

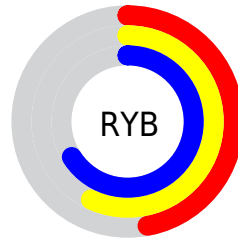
Distribution



Red (47%)

Green (66%)

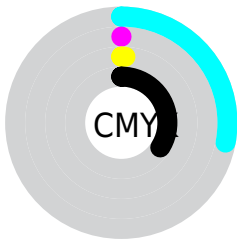
Blue (66%)



Red (47%)

Yellow (57%)

Blue (66%)

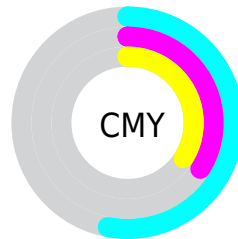


Cyan (28%)

Magenta (0%)

Yellow (1%)

Black (34%)



Cyan (53%)


Magenta (34%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 16.768, 196.097 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, 16.768, 196.097 by changing the saturation by 10% instead.


 66, 16.768,
196.097


 66, 16.768,
196.097


 100, 16.768,
196.097


 56, 16.768,
196.097


 86, 16.768,
196.097

 46, 16.768,
196.097

 96, 16.768,
196.097

 36, 16.768,
196.097

 26, 16.768,
196.097

 16, 16.768,
196.097

 6, 16.768, 196.097

 0, 16.768, 196.097

66, 16.768,
196.097

66, 16.768,
196.097

65, 21.803,
195.584

67, 11.218,
196.645

64, 26.224,
195.116

68, 5.251, 197.262

70, 1.034, 17.295

64, 29.947,
194.689

71, 7.551, 18.314

63, 32.912,
194.300

72, 14.224, 18.973

63, 35.096,
193.944

74, 20.991, 19.622

76, 27.800, 20.269

63, 36.520,
193.614

78, 34.044, 20.834

63, 37.318,
193.301

78, 34.021, 20.523

63, 37.431,

Harmonies

Complementary

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



66, 16.768, 196.097



56, 20.117, 20.065

Rectangle

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



66, 16.768, 196.097



66, 16.768, 246.097



66, 16.768, 16.097



66, 16.768, 66.097

Sweetspot

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



66, 16.768, 196.093



86, 6.950, 197.210



65, 32.139, 141.726



45, 4.806, 197.118



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 16.768, 196.093



83, 24.236, 195.772



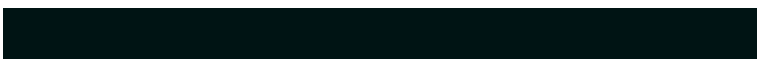
60, 15.177, 255.919



35, 3.523, 197.201



55, 33.913, 193.284



5, 6.581, 196.971

Inverse Universe

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



56, 20.117, 20.065



68, 30.416, 20.865



61, 16.654, 68.411



33, 3.723, 18.214



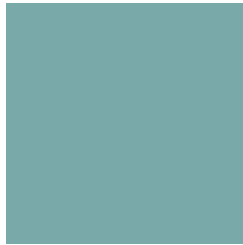
30, 68.279, 38.527



1, 6.577, 17.908

Previews

White Background



This preview shows how the CIELCh color 66, 16.768, 196.097 looks on a white background.

Color Contrast Check

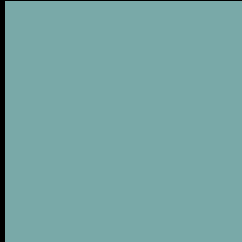
Large Text (above 18pt) WCAG AA × Fail

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 66, 16.768, 196.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

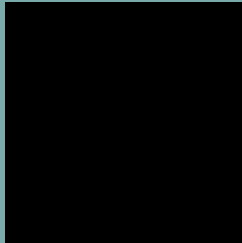
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 16.768, 196.097

Background



This preview shows how black text looks on a background with the CIELCh color 66, 16.768, 196.097.

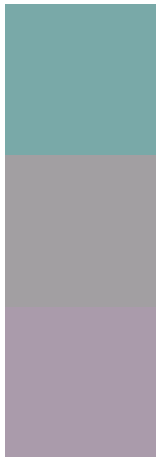


This preview shows how white text looks on a background with the CIELCh color 66, 16.768, 196.097.

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, 16.768, 196.097

Protanopia
66, 2.034, 324.433

Deuteranopia
66, 10.564, 323.203



Tritanopia
66, 16.211, 227.149

Trichromacy



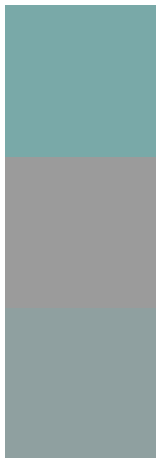
Original Color
66, 16.768, 196.097

Protanomaly
66, 5.932, 204.345

Deuteranomaly
66, 6.223, 262.634

Tritanomaly
66, 15.874, 214.531

Monochromacy



Original Color
66, 16.768, 196.097

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 6.313, 198.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 16.768, 196.097 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(121, 169, 168)` looks like.

```
.text, #text, p{  
    color:rgb(121, 169, 168)  
}
```

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(121, 169, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 169, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 16.768, 196.097 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(121, 169, 168) }
```

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

```
.border{ border-color:rgb(121, 169, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 169, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 169, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 169, 168);  
box-shadow:4px 4px 4px 4px rgb(121, 169,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 16.768, 196.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 169, 168) }
```

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

```
.background{ background-color: rgb(121,  
169, 168) }
```

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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