

Converting Colors

CIELCh(66, 6.662, 196.022)

Have a look what the booklet for
CIELCh(66, 6.662, 196.022) contains.

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Color

CIELCh(66, 6.700, 194.127)

Conversions

Conversions Part 1

Format	Color
Hex	92A4A3
RGB	146, 164, 163
RGB Percent	57%, 64%, 64%
CMY	0.4273, 0.3567, 0.3606
CMYK	0.11, 0.00, 0.01, 0.36
HSL	177°, 9%, 61%
HSV	177°, 11%, 64%
XYZ	31.7565, 35.3238, 39.8117
YIQ	158.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

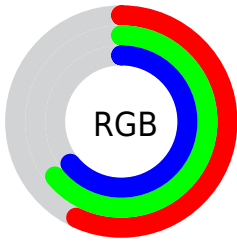
Format	Color
RYB	146, 155, 164
Decimal	9610403
CIELab	66.00, -6.50, -1.64
CIELCh	66, 6.700, 194.127
Yxy	35.3238, 0.2971, 0.3305
Android (android.graphics.Color)	4287800483 (0xFF92A4A3)
YUV	158.5040, 2.2165, -10.9660
Hunter-Lab	59.4338, -8.6337, 1.8883

Details

The CIELCh color $66, 6.700, 194.127$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 7.124, 15.547$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 6.729, 194.532$, and $46, 6.728, 193.587$ is the 20% darker color. If you saturate the color by 10%, you get $65, 12.487, 193.424$, and if you desaturate by 10%, it is $67, 0.606, 195.491$.

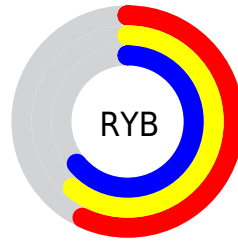
Distribution



Red (57%)

Green (64%)

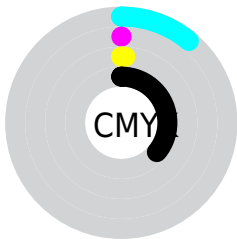
Blue (64%)



Red (57%)

Yellow (61%)

Blue (64%)

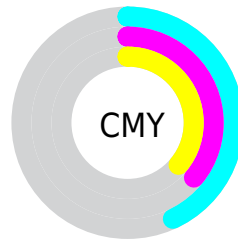


Cyan (11%)

Magenta (0%)

Yellow (1%)

Black (36%)



Cyan (43%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 6.700, 194.127 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, 6.700, 194.127 by changing the saturation by 10% instead.

■ 66, 6.700, 194.127

■ 66, 6.700, 194.127

■ 100, 6.700,
194.127

■ 56, 6.700, 194.127

■ 86, 6.700, 194.127

■ 46, 6.700, 194.127

■ 96, 6.700, 194.127

■ 36, 6.700, 194.127

■ 26, 6.700, 194.127

■ 16, 6.700, 194.127

■ 6, 6.700, 194.127

■ 0, 6.700, 194.127

■ 66, 6.700, 194.127

■ 66, 6.700, 194.127

■ 65, 12.487,

■ 67, 0.606, 195.491

193.424

69, 5.713, 15.309

64, 17.868,
192.765

70, 12.178, 16.034

63, 22.745,
192.122

72, 18.729, 16.729

62, 27.021,
191.490

73, 25.315, 17.415

62, 30.616,
190.862

77, 36.095, 18.250

61, 33.474,
190.230

77, 36.057, 17.486

77, 36.026, 16.721

61, 35.576,
189.582

61, 36.949,
188.906

61, 37.746,
188.274

Harmonies

Complementary

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



66, 6.700, 194.127



62, 7.124, 15.547

Rectangle

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



66, 6.700, 194.127



66, 6.700, 244.127



66, 6.700, 14.127



66, 6.700, 64.127

Sweetspot

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



66, 6.701, 194.116



85, 2.312, 194.823



66, 11.943, 142.073



45, 1.747, 194.720



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



66, 6.701, 194.116



84, 9.812, 193.954



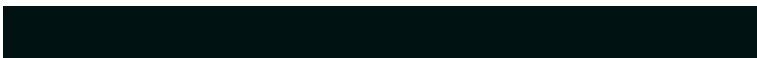
64, 5.691, 249.239



34, 3.452, 194.242



54, 34.524, 188.352



4, 5.502, 193.352

Inverse Universe

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



62, 7.124, 15.547



78, 10.570, 15.755



64, 5.909, 66.626



32, 3.635, 15.393



30, 66.143, 37.008



1, 5.484, 15.213

Previews

White Background



This preview shows how the CIELCh color 66, 6.700, 194.127 looks on a white background.

Color Contrast Check

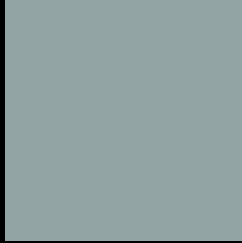
Large Text (above 18pt) WCAG AA × Fail

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, 6.700, 194.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

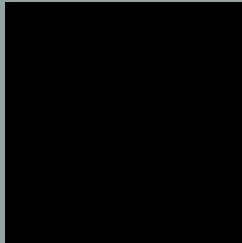
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

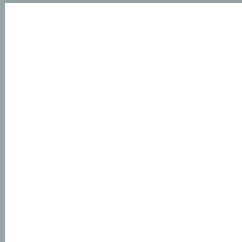
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 6.700, 194.127

Background



This preview shows how black text looks on a background with the CIELCh color 66, 6.700, 194.127.

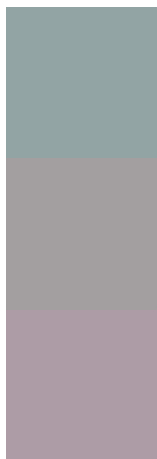


This preview shows how white text looks on a background with the CIELCh color 66, 6.700, 194.127.

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

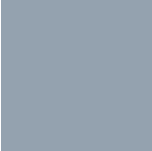
66, 6.700, 194.127

Protanopia

66, 1.635, 359.479

Deuteranopia

66, 8.856, 341.550



Tritanopia
66, 8.683, 255.475

Trichromacy



Original Color
66, 6.700, 194.127

Protanomaly
66, 1.512, 199.581

Deuteranomaly
66, 3.855, 319.912

Tritanomaly
66, 7.219, 237.048

Monochromacy



Original Color
66, 6.700, 194.127

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 2.707, 187.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 6.700, 194.127 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(146, 164, 163)` looks like.

```
.text, #text, p{  
    color:rgb(146, 164, 163)  
}
```

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(146, 164, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 164, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 6.700, 194.127 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(146, 164, 163) }
```

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

```
.border{ border-color:rgb(146, 164, 163) }
```

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

Here you see how a box with a 4 pixel rgb(146, 164, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 164, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 164, 163);  
box-shadow:4px 4px 4px 4px rgb(146, 164,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 6.700, 194.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 164, 163) }
```

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

```
.background{ background-color: rgb(146,  
164, 163) }
```

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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