

Converting Colors

CIELCh(66, 8.745, 196.184)

Have a look what the booklet for
CIELCh(66, 8.745, 196.184) contains.

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Color

CIELCh(66, 8.824, 195.070)

Conversions

Conversions Part 1

Format	Color
Hex	8DA5A4
RGB	141, 165, 164
RGB Percent	55%, 65%, 64%
CMY	0.4465, 0.3524, 0.3563
CMYK	0.15, 0.00, 0.01, 0.35
HSL	177°, 12%, 60%
HSV	177°, 15%, 65%
XYZ	31.2042, 35.3238, 40.3646
YIQ	157.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

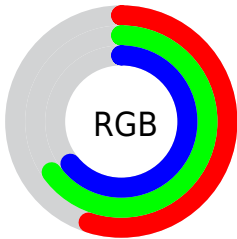
Format	Color
RYB	141, 153, 165
Decimal	9282980
CIELab	66.00, -8.52, -2.29
CIELCh	66, 8.824, 195.070
Yxy	35.3238, 0.2919, 0.3305
Android (android.graphics.Color)	4287473060 (0xFF8DA5A4)
YUV	157.7100, 3.1010, -14.6547
Hunter-Lab	59.4338, -10.2925, 1.3368

Details

The CIELCh color $66, 8.824, 195.070$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 9.603, 16.988$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 8.772, 195.411$, and $46, 8.937, 194.582$ is the 20% darker color. If you saturate the color by 10%, you get $65, 14.479, 194.426$, and if you desaturate by 10%, it is $67, 2.816, 195.809$.

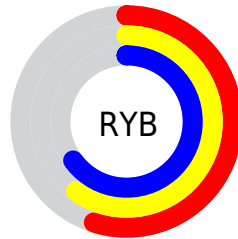
Distribution



Red (55%)

Green (65%)

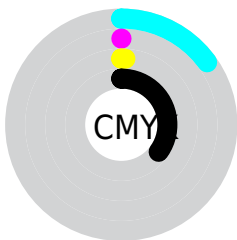
Blue (64%)



Red (55%)

Yellow (60%)

Blue (65%)

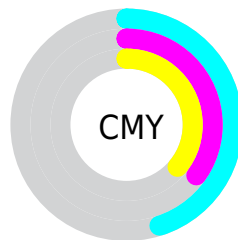


Cyan (15%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 8.824, 195.070 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, 8.824, 195.070 by changing the saturation by 10% instead.

■ 66, 8.824, 195.070

■ 66, 8.824, 195.070

■ 100, 8.824,
195.070

■ 56, 8.824, 195.070

■ 86, 8.824, 195.070

■ 46, 8.824, 195.070

■ 96, 8.824, 195.070

■ 36, 8.824, 195.070

■ 26, 8.824, 195.070

■ 16, 8.824, 195.070

■ 6, 8.824, 195.070

■ 0, 8.824, 195.070

■ 66, 8.824, 195.070

■ 66, 8.824, 195.070

■ 65, 14.479,

■ 67, 2.816, 195.809

194.426

69, 3.456, 16.150

64, 19.680,
193.822

70, 9.912, 16.896

63, 24.330,
193.243

72, 16.482, 17.578

63, 28.337,
192.685

73, 23.112, 18.252

62, 31.629,
192.144

75, 29.759, 18.919

62, 34.164,
191.611

77, 35.683, 19.449

61, 35.942,
191.076

77, 35.646, 18.867

61, 37.013,
190.528

61, 37.445,
190.228

Harmonies

Complementary

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



66, 8.824, 195.070



61, 9.603, 16.988

Rectangle

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



66, 8.824, 195.070



66, 8.824, 245.070



66, 8.824, 15.070



66, 8.824, 65.070

Sweetspot

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



66, 8.825, 195.062



85, 3.071, 195.857



65, 16.022, 142.295



45, 2.176, 195.783



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, 8.825, 195.062



83, 12.661, 194.881



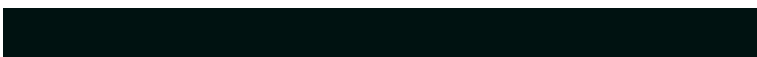
63, 7.631, 251.696



34, 3.444, 195.423



54, 34.082, 190.291



4, 5.487, 194.835

Inverse Universe

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



61, 9.603, 16.988



76, 14.017, 17.248



64, 8.004, 68.145



32, 3.631, 16.519



30, 66.613, 37.584



1, 5.476, 16.257

Previews

White Background



This preview shows how the CIELCh color 66, 8.824, 195.070 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, 8.824, 195.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

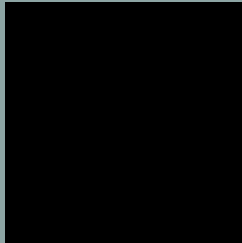
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 8.824, 195.070

Background



This preview shows how black text looks on a background with the CIELCh color 66, 8.824, 195.070.

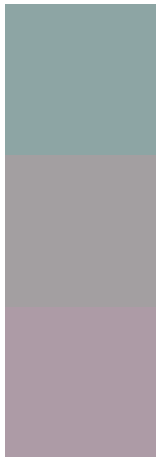


This preview shows how white text looks on a background with the CIELCh color 66, 8.824, 195.070.

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

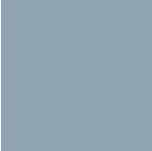
66, 8.824, 195.070

Protanopia

66, 1.900, 343.663

Deuteranopia

66, 9.206, 338.851



Tritanopia
66, 9.979, 245.425

Trichromacy



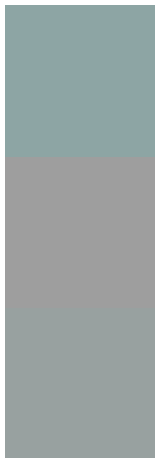
Original Color
66, 8.824, 195.070

Protanomaly
66, 2.316, 213.273

Deuteranomaly
66, 3.427, 303.226

Tritanomaly
66, 8.952, 228.657

Monochromacy



Original Color
66, 8.824, 195.070

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 3.441, 189.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 8.824, 195.070 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(141, 165, 164)` looks like.

```
.text, #text, p{  
    color:rgb(141, 165, 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(141, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 165, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 8.824, 195.070 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(141, 165, 164) }
```

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

```
.border{ border-color:rgb(141, 165, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 165, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(141, 165,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 8.824, 195.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 165, 164) }
```

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

```
.background{ background-color: rgb(141,  
165, 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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