

Converting Colors

CIELCh(66, 8.215, 190.192)

Have a look what the booklet for
CIELCh(66, 8.215, 190.192) contains.

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Color

CIELCh(66, 8.208, 190.958)

Conversions

Conversions Part 1

Format	Color
Hex	8FA5A3
RGB	143, 165, 163
RGB Percent	56%, 65%, 64%
CMY	0.4398, 0.3535, 0.3613
CMYK	0.13, 0.00, 0.01, 0.35
HSL	175°, 11%, 60%
HSV	175°, 13%, 65%
XYZ	31.3298, 35.3238, 39.7491
YIQ	158.1940, -12.4700, -5.2860

Conversions

Conversions Part 2

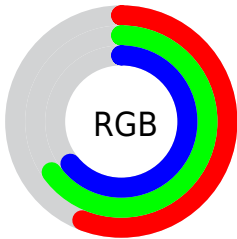
Format	Color
RYB	143, 155, 165
Decimal	9414051
CIELab	66.00, -8.06, -1.56
CIElCh	66, 8.208, 190.958
Yxy	35.3238, 0.2944, 0.3320
Android (android.graphics.Color)	4287604131 (0xFF8FA5A3)
YUV	158.1940, 2.3694, -13.3251
Hunter-Lab	59.4338, -9.9152, 1.9508

Details

The CIELCh color `66, 8.208, 190.958` is a light color, and the websafe version is hex `999999`. A complement of this color would be `61, 8.798, 12.947`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 8.170, 191.500`, and `46, 8.316, 190.232` is the 20% darker color. If you saturate the color by 10%, you get `65, 14.015, 190.179`, and if you desaturate by 10%, it is `67, 2.095, 191.856`.

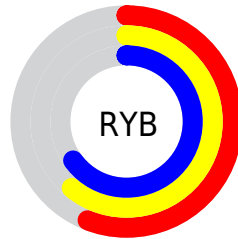
Distribution



Red (56%)

Green (65%)

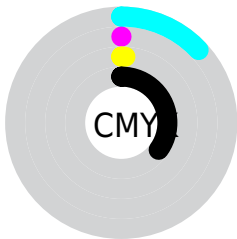
Blue (64%)



Red (56%)

Yellow (61%)

Blue (65%)

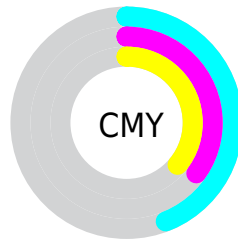


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 8.208, 190.958 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, 8.208, 190.958 by changing the saturation by 10% instead.

■ 66, 8.208, 190.958

■ 66, 8.208, 190.958

■ 100, 8.208,
190.958

■ 56, 8.208, 190.958

■ 86, 8.208, 190.958

■ 46, 8.208, 190.958

■ 96, 8.208, 190.958

■ 36, 8.208, 190.958

■ 26, 8.208, 190.958

■ 16, 8.208, 190.958

■ 6, 8.208, 190.958

■ 0, 8.208, 190.958

■ 66, 8.208, 190.958

■ 66, 8.208, 190.958

■ 65, 14.015,

■ 67, 2.095, 191.856

190.179

69, 4.237, 12.260

64, 19.416,
189.414

70, 10.711, 13.056

63, 24.309,
188.640

72, 17.263, 13.795

62, 28.599,
187.848

73, 23.841, 14.517

62, 32.204,
187.025

75, 30.406, 15.224

61, 35.072,
186.158

77, 35.638, 15.530

61, 37.187,
185.230

77, 35.622, 14.258

61, 38.590,
184.225

61, 39.287,
183.534

Harmonies

Complementary

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



66, 8.208, 190.958



61, 8.798, 12.947

Rectangle

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



66, 8.208, 190.958



66, 8.208, 240.958



66, 8.208, 10.958



66, 8.208, 60.958

Sweetspot

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



66, 8.209, 190.949



85, 3.098, 191.763



66, 14.443, 141.032



45, 2.195, 191.682



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, 8.209, 190.949



83, 12.101, 190.720



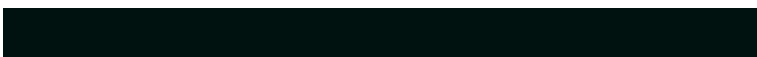
64, 6.808, 245.463



34, 3.480, 191.277



54, 35.783, 183.657



4, 5.555, 189.708

Inverse Universe

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



61, 8.798, 12.947



76, 13.181, 13.245



64, 7.185, 62.514



32, 3.650, 12.551



30, 64.914, 35.421



1, 5.512, 12.580

Previews

White Background



This preview shows how the CIELCh color 66, 8.208, 190.958 looks on a white background.

Color Contrast Check

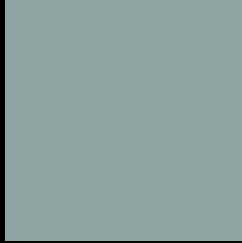
Large Text (above 18pt) WCAG AA × Fail

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, 8.208, 190.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

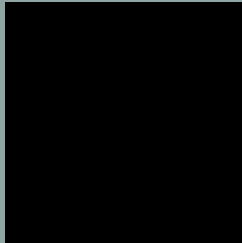
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

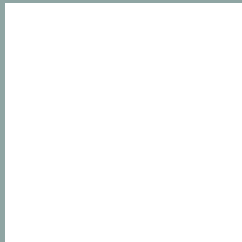
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 8.208, 190.958

Background



This preview shows how black text looks on a background with the CIELCh color 66, 8.208, 190.958.

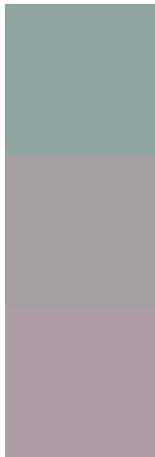


This preview shows how white text looks on a background with the CIELCh color 66, 8.208, 190.958.

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

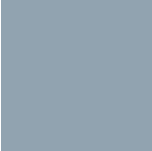
66, 8.208, 190.958

Protanopia

66, 1.635, 359.479

Deuteranopia

66, 8.856, 341.550



Tritanopia
66, 9.518, 248.444

Trichromacy



Original Color
66, 8.208, 190.958

Protanomaly
66, 1.887, 199.485

Deuteranomaly
66, 3.015, 312.563

Tritanomaly
66, 8.111, 227.567

Monochromacy



Original Color
66, 8.208, 190.958

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.011, 199.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 8.208, 190.958 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(143, 165, 163)` looks like.

```
.text, #text, p{  
    color:rgb(143, 165, 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(143, 165, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 165, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 8.208, 190.958 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(143, 165, 163) }
```

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

```
.border{ border-color:rgb(143, 165, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 165, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 165, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 165, 163);  
box-shadow:4px 4px 4px 4px rgb(143, 165,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 8.208, 190.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 165, 163) }
```

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

```
.background{ background-color: rgb(143,  
165, 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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