

Converting Colors

CIELCh(65, 7.943, 200.131)

Have a look what the booklet for
CIELCh(65, 7.943, 200.131) contains.

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Color

CIELCh(65, 8.088, 198.748)

Conversions

Conversions Part 1

Format	Color
Hex	8CA2A2
RGB	140, 162, 162
RGB Percent	55%, 64%, 64%
CMY	0.4508, 0.3645, 0.3645
CMYK	0.14, 0.00, 0.00, 0.36
HSL	180°, 11%, 59%
HSV	180°, 14%, 64%
XYZ	30.2775, 34.0472, 39.1805
YIQ	155.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

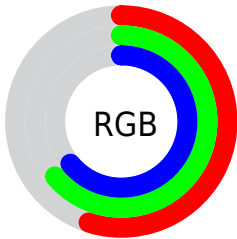
Format	Color
RYB	140, 151, 162
Decimal	9216674
CIELab	65.00, -7.66, -2.60
CIELCh	65, 8.088, 198.748
Yxy	34.0472, 0.2925, 0.3289
Android (android.graphics.Color)	4287406754 (0xFF8CA2A2)
YUV	155.4220, 3.2430, -13.5251
Hunter-Lab	58.3500, -9.4895, 1.0333

Details

The CIELCh color $65, 8.088, 198.748$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $60, 8.807, 20.234$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.067, 198.902$, and $45, 7.798, 198.540$ is the 20% darker color. If you saturate the color by 10%, you get $64, 13.626, 198.233$, and if you desaturate by 10%, it is $66, 2.184, 199.418$.

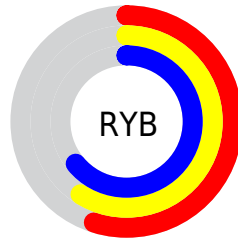
Distribution



Red (55%)

Green (64%)

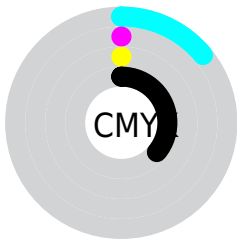
Blue (64%)



Red (55%)

Yellow (59%)

Blue (64%)

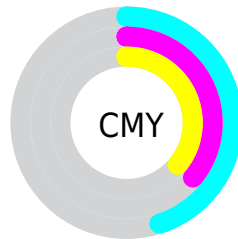


Cyan (14%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.088, 198.748 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 65, 8.088, 198.748 by changing the saturation by 10% instead.

■ 65, 8.088, 198.748

■ 65, 8.088, 198.748

■ 100, 8.088,
198.748

■ 55, 8.088, 198.748

■ 85, 8.088, 198.748

■ 45, 8.088, 198.748

■ 95, 8.088, 198.748

■ 35, 8.088, 198.748

■ 25, 8.088, 198.748

■ 15, 8.088, 198.748

■ 5, 8.088, 198.748

■ 0, 8.088, 198.748

■ 65, 8.088, 198.748

■ 65, 8.088, 198.748

■ 64, 13.626,

■ 66, 2.184, 199.418

198.233

67, 4.000, 19.638

63, 18.700,
197.789

69, 10.384, 20.290

62, 23.216,
197.403

70, 16.901, 20.905

62, 27.088,
197.078

72, 23.494, 21.522

61, 30.249,
196.817

74, 30.120, 22.141

61, 32.662,
196.619

76, 36.743, 22.760

61, 34.328,
196.483

76, 37.361, 22.816

60, 35.296,
196.404

60, 35.705,
196.370

Harmonies

Complementary

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



65, 8.088, 198.748



60, 8.807, 20.234

Rectangle

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



65, 8.088, 198.748



65, 8.088, 248.748



65, 8.088, 18.748



65, 8.088, 68.748

Sweetspot

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



65, 8.089, 198.739



84, 3.031, 199.365



64, 14.891, 143.222



45, 2.168, 199.298



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 8.089, 198.739



82, 11.756, 198.594



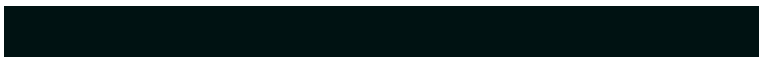
62, 7.197, 255.402



34, 3.428, 198.985



54, 32.969, 196.371



4, 5.463, 199.410

Inverse Universe

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



60, 8.807, 20.234



75, 13.035, 20.460



63, 7.467, 71.953



32, 3.629, 19.895



30, 68.059, 39.260



1, 5.464, 19.397

Previews

White Background



This preview shows how the CIELCh color 65, 8.088, 198.748 looks on a white background.

Color Contrast Check

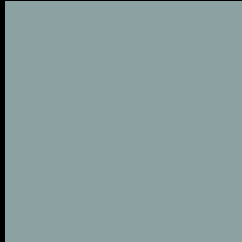
Large Text (above 18pt) WCAG AA × Fail

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 65, 8.088, 198.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

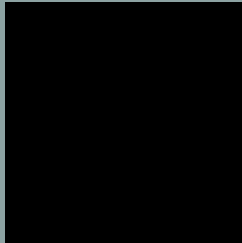
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

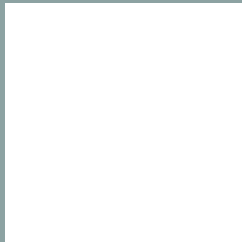
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.088, 198.748

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.088, 198.748.



This preview shows how white text looks on a background with the CIELCh color 65, 8.088, 198.748.

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](#).

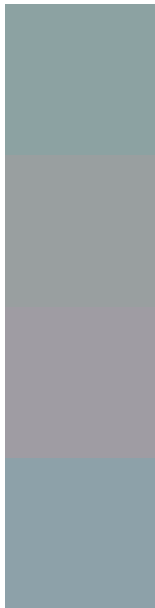
Dichromacy





Tritanopia
65, 9.545, 248.484

Trichromacy



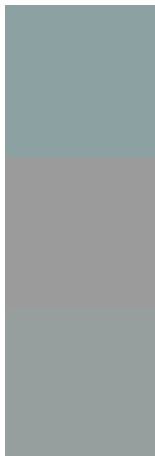
Original Color
65, 8.088, 198.748

Protanomaly
65, 2.321, 213.271

Deuteranomaly
65, 4.076, 306.714

Tritanomaly
65, 8.381, 231.075

Monochromacy



Original Color
65, 8.088, 198.748

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.018, 199.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.088, 198.748 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(140, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(140, 162, 162)  
}
```

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(140, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 162, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.088, 198.748 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(140, 162, 162) }
```

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

```
.border{ border-color:rgb(140, 162, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 162, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(140, 162,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.088, 198.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 162, 162) }
```

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

```
.background{ background-color: rgb(140,  
162, 162) }
```

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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