

Converting Colors

CIELCh(65, 8.168, 216.330)

Have a look what the booklet for
CIELCh(65, 8.168, 216.330) contains.

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Color

CIELCh(65, 8.248, 214.482)

Conversions

Conversions Part 1

Format	Color
Hex	8CA2A6
RGB	140, 162, 166
RGB Percent	55%, 64%, 65%
CMY	0.4520, 0.3657, 0.3500
CMYK	0.16, 0.02, 0.00, 0.35
HSL	189°, 13%, 60%
HSV	189°, 16%, 65%
XYZ	30.5069, 34.0472, 40.9159
YIQ	155.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

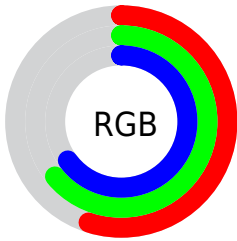
Format	Color
RYB	140, 152, 166
Decimal	9216678
CIELab	65.00, -6.80, -4.67
CIElCh	65, 8.248, 214.482
Yxy	34.0472, 0.2892, 0.3228
Android (android.graphics.Color)	4287406758 (0xFF8CA2A6)
YUV	155.8780, 4.9901, -13.9250
Hunter-Lab	58.3500, -8.7880, -0.7301

Details

The CIELCh color $65, 8.248, 214.482$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 9.133, 34.300$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.226, 213.787$, and $45, 7.970, 216.119$ is the 20% darker color. If you saturate the color by 10%, you get $63, 13.084, 214.714$, and if you desaturate by 10%, it is $67, 3.069, 214.439$.

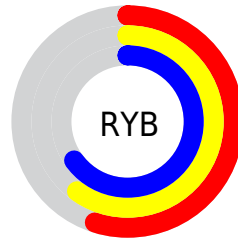
Distribution



Red (55%)

Green (64%)

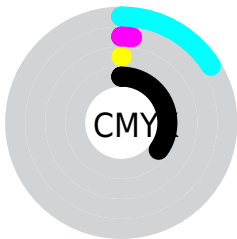
Blue (65%)



Red (55%)

Yellow (60%)

Blue (65%)

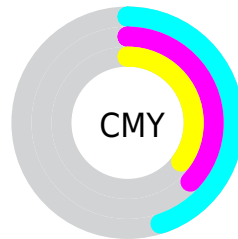


Cyan (16%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.248, 214.482 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, 8.248, 214.482 by changing the saturation by 10% instead.

■ 65, 8.248, 214.482

■ 65, 8.248, 214.482

■ 100, 8.248,
214.482

■ 55, 8.248, 214.482

■ 85, 8.248, 214.482

■ 45, 8.248, 214.482

■ 95, 8.248, 214.482

■ 35, 8.248, 214.482

■ 25, 8.248, 214.482

■ 15, 8.248, 214.482

■ 5, 8.248, 214.482

■ 0, 8.248, 214.482

■ 65, 8.248, 214.482

■ 65, 8.248, 214.482

■ 63, 13.084,

■ 67, 3.069, 214.439

214.714

69, 2.380, 34.053

62, 17.495,
215.136

71, 8.033, 34.247

60, 21.397,
215.772

73, 13.835, 34.386

58, 24.711,
216.669

75, 19.742, 34.555

57, 27.372,
217.885

78, 25.717, 34.753

56, 29.346,
219.482

80, 31.422, 35.083

55, 30.641,
221.523

80, 30.827, 37.742

54, 31.330,
224.050

54, 31.559,
225.204

Harmonies

Complementary

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



65, 8.248, 214.482



62, 9.133, 34.300

Rectangle

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



65, 8.248, 214.482



65, 8.248, 264.482



65, 8.248, 34.482



65, 8.248, 84.482

Sweetspot

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



65, 8.248, 214.472



84, 3.332, 214.453



66, 15.880, 147.842



44, 2.265, 214.437



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, 8.248, 214.472



81, 12.178, 214.541



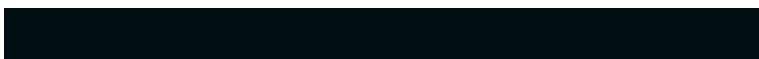
61, 9.978, 271.917



34, 2.990, 214.413



47, 28.668, 224.848



4, 4.645, 218.837

Inverse Universe

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



61, 15.878, 329.878



75, 23.732, 330.104



65, 10.037, 87.804



32, 5.636, 329.481



33, 67.564, 335.311



1, 8.473, 330.328

Previews

White Background



This preview shows how the CIE LCh color 65, 8.248, 214.482 looks on a white background.

Color Contrast Check

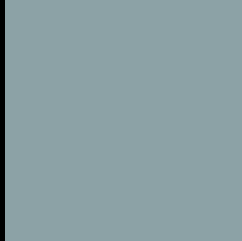
Large Text (above 18pt) WCAG AA × Fail

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 65, 8.248, 214.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

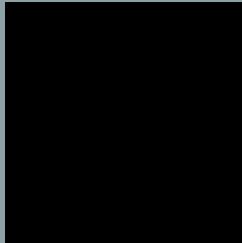
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

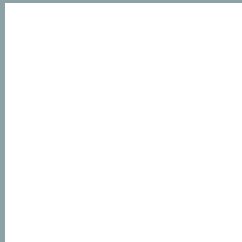
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.248, 214.482

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.248, 214.482.



This preview shows how white text looks on a background with the CIELCh color 65, 8.248, 214.482.

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

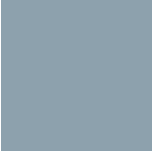
65, 8.248, 214.482

Protanopia

65, 3.435, 303.228

Deuteranopia

65, 10.127, 324.900



Tritanopia
65, 9.632, 242.967

Trichromacy



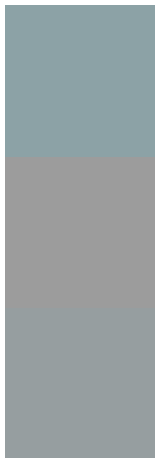
Original Color
65, 8.248, 214.482

Protanomaly
65, 3.776, 246.808

Deuteranomaly
65, 6.182, 297.758

Tritanomaly
65, 8.657, 234.355

Monochromacy



Original Color
65, 8.248, 214.482

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 3.184, 219.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.248, 214.482 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(140, 162, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 162, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.248, 214.482 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, 166) }
```

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

```
.border{ border-color:rgb(140, 162, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 162, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 162, 166);  
box-shadow:4px 4px 4px 4px rgb(140, 162,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.248, 214.482 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, 166) }
```

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

```
.background{ background-color: rgb(140,  
162, 166) }
```

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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