

Converting Colors

CIELCh(65, 6.458, 223.597)

Have a look what the booklet for
CIELCh(65, 6.458, 223.597) contains.

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Color

CIELCh(65, 6.575, 218.775)

Conversions

Conversions Part 1

Format	Color
Hex	90A1A5
RGB	144, 161, 165
RGB Percent	56%, 63%, 65%
CMY	0.4360, 0.3693, 0.3537
CMYK	0.13, 0.02, 0.00, 0.35
HSL	191°, 10%, 61%
HSV	191°, 13%, 65%
XYZ	30.9563, 34.0472, 40.4483
YIQ	156.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

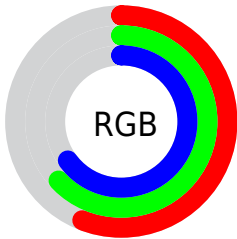
Format	Color
RYB	144, 153, 165
Decimal	9478565
CIELab	65.00, -5.13, -4.12
CIELCh	65, 6.575, 218.775
Yxy	34.0472, 0.2936, 0.3229
Android (android.graphics.Color)	4287668645 (0xFF90A1A5)
YUV	156.3730, 4.2531, -10.8511
Hunter-Lab	58.3500, -7.4131, -0.2550

Details

The CIELCh color $65, 6.575, 218.775$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 7.122, 38.140$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 6.604, 217.680$, and $45, 6.793, 214.055$ is the 20% darker color. If you saturate the color by 10%, you get $63, 11.399, 219.152$, and if you desaturate by 10%, it is $67, 1.450, 218.742$.

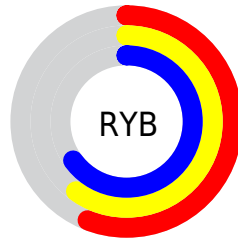
Distribution



Red (56%)

Green (63%)

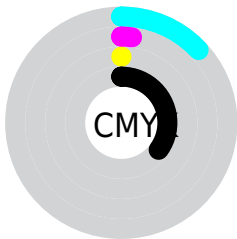
Blue (65%)



Red (56%)

Yellow (60%)

Blue (65%)

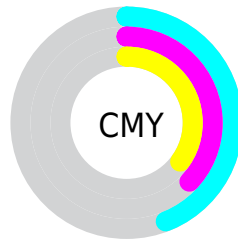


Cyan (13%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 6.575, 218.775 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, 6.575, 218.775 by changing the saturation by 10% instead.

■ 65, 6.575, 218.775

■ 65, 6.575, 218.775

■ 100, 6.575,
218.775

■ 55, 6.575, 218.775

■ 85, 6.575, 218.775

■ 45, 6.575, 218.775

■ 95, 6.575, 218.775

■ 35, 6.575, 218.775

■ 25, 6.575, 218.775

■ 15, 6.575, 218.775

■ 5, 6.575, 218.775

■ 0, 6.575, 218.775

■ 65, 6.575, 218.775

■ 65, 6.575, 218.775

■ 63, 11.399,

■ 67, 1.450, 218.742

219.152

69, 3.912, 38.137

61, 15.845,
219.748

71, 9.451, 38.138

59, 19.837,
220.587

74, 15.121, 38.155

58, 23.297,
221.722

76, 20.881, 38.214

56, 26.161,
223.223

81, 30.897, 39.245

55, 28.391,
225.164

81, 30.311, 42.678

53, 29.986,
227.622

82, 29.841, 46.239

52, 31.003,
230.661

51, 31.544,
233.108

Harmonies

Complementary

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



65, 6.575, 218.775



63, 7.122, 38.140

Rectangle

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



65, 6.575, 218.775



65, 6.575, 268.775



65, 6.575, 38.775



65, 6.575, 88.775

Sweetspot

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



65, 6.575, 218.761



85, 2.611, 218.665



66, 12.519, 149.150



45, 1.849, 218.649



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, 6.575, 218.761



82, 9.517, 218.841



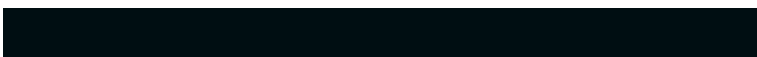
62, 8.357, 274.116



34, 2.922, 218.677



46, 28.748, 232.679



3, 4.552, 223.866

Inverse Universe

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



62, 12.495, 330.948



78, 18.234, 331.110



65, 8.352, 90.865



32, 5.492, 330.725



33, 65.744, 337.363



1, 8.216, 331.854

Previews

White Background



This preview shows how the CIELCh color 65, 6.575, 218.775 looks on a white background.

Color Contrast Check

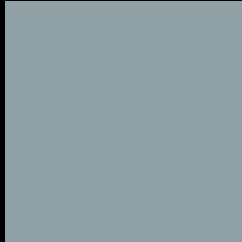
Large Text (above 18pt) WCAG AA × Fail

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, 6.575, 218.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

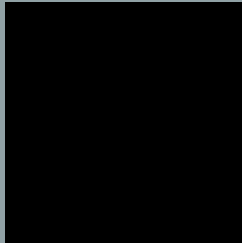
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

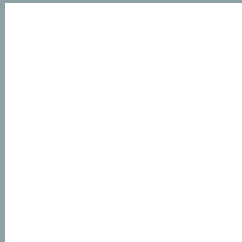
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 6.575, 218.775

Background



This preview shows how black text looks on a background with the CIELCh color 65, 6.575, 218.775.



This preview shows how white text looks on a background with the CIELCh color 65, 6.575, 218.775.

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

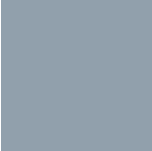
65, 6.575, 218.775

Protanopia

65, 2.896, 305.624

Deuteranopia

65, 9.478, 330.640



Tritanopia
65, 8.476, 251.208

Trichromacy



Original Color
65, 6.575, 218.775

Protanomaly
65, 3.326, 256.273

Deuteranomaly
65, 5.786, 305.782

Tritanomaly
65, 7.309, 242.423

Monochromacy



Original Color
65, 6.575, 218.775

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 2.323, 213.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 6.575, 218.775 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(144, 161, 165)` looks like.

```
.text, #text, p{  
    color:rgb(144, 161, 165)  
}
```

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(144, 161, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 161, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 6.575, 218.775 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(144, 161, 165) }
```

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

```
.border{ border-color:rgb(144, 161, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 161, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 161, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 161, 165);  
box-shadow:4px 4px 4px 4px rgb(144, 161,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 6.575, 218.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 161, 165) }
```

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

```
.background{ background-color: rgb(144,  
161, 165) }
```

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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