

Converting Colors

CIELCh(65, 5.433, 210.554)

Have a look what the booklet for
CIELCh(65, 5.433, 210.554) contains.

CIELCh(65, 5.291, 211.204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 5.291, 211.204)

Conversions

Conversions Part 1

Format	Color
Hex	92A0A2
RGB	146, 160, 162
RGB Percent	57%, 63%, 64%
CMY	0.4259, 0.3710, 0.3632
CMYK	0.10, 0.01, 0.00, 0.36
HSL	187°, 8%, 61%
HSV	187°, 10%, 64%
XYZ	31.1187, 34.0472, 39.2977
YIQ	156.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

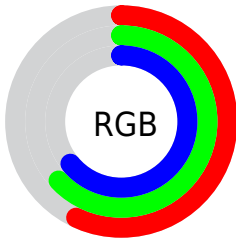
Format	Color
RYB	146, 153, 162
Decimal	9609378
CIELab	65.00, -4.53, -2.74
CIElCh	65, 5.291, 211.204
Yxy	34.0472, 0.2979, 0.3259
Android (android.graphics.Color)	4287799458 (0xFF92A0A2)
YUV	156.0420, 2.9373, -8.8068
Hunter-Lab	58.3500, -6.9164, 0.9142

Details

The CIELCh color $65, 5.291, 211.204$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 5.633, 31.229$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 5.381, 210.436$, and $45, 5.544, 205.028$ is the 20% darker color. If you saturate the color by 10%, you get $63, 10.358, 211.179$, and if you desaturate by 10%, it is $67, 0.079, 25.126$.

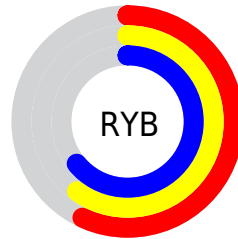
Distribution



Red (57%)

Green (63%)

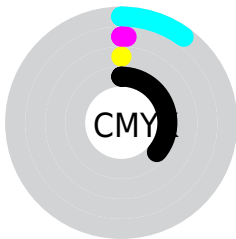
Blue (64%)



Red (57%)

Yellow (60%)

Blue (64%)

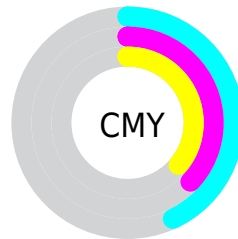


Cyan (10%)

Magenta (1%)

Yellow (0%)

Black (36%)



Cyan (43%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 5.291, 211.204 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, 5.291, 211.204 by changing the saturation by 10% instead.

■ 65, 5.291, 211.204

■ 65, 5.291, 211.204

■ 100, 5.291,
211.204

■ 55, 5.291, 211.204

■ 85, 5.291, 211.204

■ 45, 5.291, 211.204

■ 95, 5.291, 211.204

■ 35, 5.291, 211.204

■ 25, 5.291, 211.204

■ 15, 5.291, 211.204

■ 5, 5.291, 211.204

■ 0, 5.291, 211.204

■ 65, 5.291, 211.204

■ 65, 5.291, 211.204

■ 63, 10.358,

■ 67, 0.079, 25.126

211.179

69, 5.681, 31.212

62, 15.041,
211.324

71, 11.456, 31.449

60, 19.255,
211.632

73, 17.352, 31.701

59, 22.916,
212.133

75, 23.329, 31.977

58, 25.948,
212.870

77, 29.352, 32.271

57, 28.297,
213.888

79, 33.338, 33.074

56, 29.940,
215.237

79, 32.814, 35.016

55, 30.901,
216.966

54, 31.370,
219.020

Harmonies

Complementary

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



65, 5.291, 211.204



63, 5.633, 31.229

Rectangle

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



65, 5.291, 211.204



65, 5.291, 261.204



65, 5.291, 31.204



65, 5.291, 81.204

Sweetspot

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



65, 5.292, 211.187



84, 2.032, 211.415



65, 10.020, 147.210



45, 1.550, 211.351



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, 5.292, 211.187



82, 7.943, 211.169



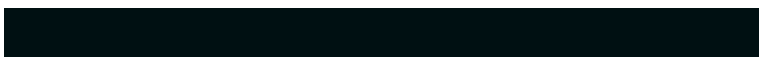
63, 5.932, 268.245



34, 3.054, 211.194



49, 28.943, 218.811



4, 4.747, 214.923

Inverse Universe

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



62, 9.984, 328.581



78, 15.102, 328.724



65, 5.968, 85.658



32, 5.752, 328.545



33, 69.063, 333.798



1, 8.685, 329.156

Previews

White Background



This preview shows how the CIE LCh color 65, 5.291, 211.204 looks on a white background.

Color Contrast Check

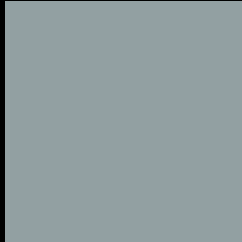
Large Text (above 18pt) WCAG AA × Fail

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, 5.291, 211.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

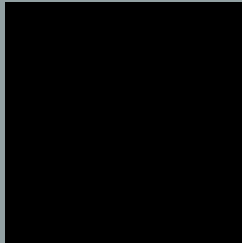
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

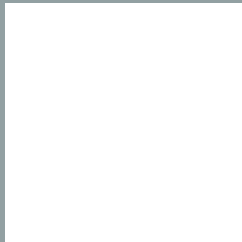
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 5.291, 211.204

Background



This preview shows how black text looks on a background with the CIELCh color 65, 5.291, 211.204.



This preview shows how white text looks on a background with the CIELCh color 65, 5.291, 211.204.

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, 5.291, 211.204

Protanopia

65, 1.848, 314.666

Deuteranopia

65, 8.944, 337.183



Tritanopia
65, 8.167, 261.724

Trichromacy



Original Color
65, 5.291, 211.204

Protanomaly
65, 2.232, 247.952

Deuteranomaly
65, 4.355, 316.323

Tritanomaly
65, 6.809, 246.552

Monochromacy



Original Color
65, 5.291, 211.204

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 1.894, 199.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 5.291, 211.204 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(146, 160, 162)` looks like.

```
.text, #text, p{  
    color:rgb(146, 160, 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(146, 160, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 160, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 5.291, 211.204 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(146, 160, 162) }
```

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

```
.border{ border-color:rgb(146, 160, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 160, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 160, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 160, 162); box-shadow:4px 4px 4px 4px rgb(146, 160, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 5.291, 211.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 160, 162) }
```

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

```
.background{ background-color: rgb(146,  
160, 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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