

Converting Colors

CIELCh(65, 11.475, 158.561)

Have a look what the booklet for
CIELCh(65, 11.475, 158.561)
contains.

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Color

CIELCh(65, 11.409, 159.203)

Conversions

Conversions Part 1

Format	Color
Hex	8CA396
RGB	140, 163, 150
RGB Percent	55%, 64%, 59%
CMY	0.4504, 0.3601, 0.4111
CMYK	0.14, 0.00, 0.08, 0.36
HSL	146°, 11%, 59%
HSV	146°, 14%, 64%
XYZ	29.4848, 34.0472, 33.9383
YIQ	154.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

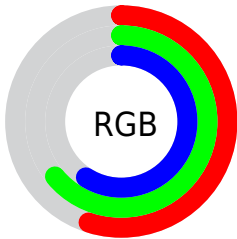
Format	Color
RYB	140, 156, 163
Decimal	9216918
CIELab	65.00, -10.67, 4.05
CIELCh	65, 11.409, 159.203
Yxy	34.0472, 0.3025, 0.3493
Android (android.graphics.Color)	4287406998 (0xFF8CA396)
YUV	154.6410, -2.2880, -12.8402
Hunter-Lab	58.3500, -11.9147, 6.3599

Details

The CIELCh color $65, 11.409, 159.203$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 11.559, 341.371$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 11.425, 158.588$, and $45, 11.221, 158.536$ is the 20% darker color. If you saturate the color by 10%, you get $64, 19.482, 158.278$, and if you desaturate by 10%, it is $66, 3.306, 160.084$.

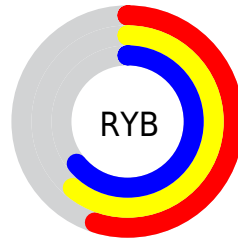
Distribution



Red (55%)

Green (64%)

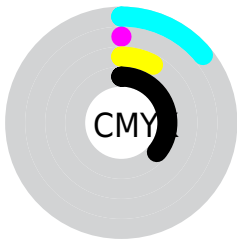
Blue (59%)



Red (55%)

Yellow (61%)

Blue (64%)

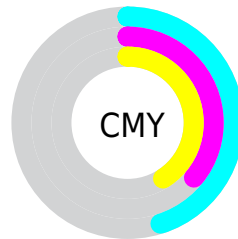


Cyan (14%)

Magenta (0%)

Yellow (8%)

Black (36%)



Cyan (45%)


Magenta (36%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 11.409, 159.203 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, 11.409, 159.203 by changing the saturation by 10% instead.


 65, 11.409,
159.203


 65, 11.409,
159.203


 100, 11.409,
159.203


 55, 11.409,
159.203


 85, 11.409,
159.203

 45, 11.409,
159.203

 95, 11.409,
159.203

 35, 11.409,
159.203

 25, 11.409,
159.203

 15, 11.409,
159.203

 5, 11.409, 159.203

 0, 11.409, 159.203

■ 65, 11.409,
159.203

■ 65, 11.409,
159.203

■ 64, 19.482,
158.278

■ 66, 3.306, 160.084

■ 63, 27.414,
157.246

■ 68, 4.746, 340.646

■ 62, 35.082,
156.077

■ 70, 12.681,
341.351

■ 61, 42.351,
154.749

■ 71, 20.451,
341.965

■ 60, 49.087,
153.240

■ 73, 28.025,
342.525

■ 60, 55.175,
151.533

■ 75, 35.384,
343.041

■ 59, 60.538,
149.625


■ 77, 42.519,
343.520

■ 59, 65.154,

■ 78, 45.533,
338.709

147.536

 78, 48.720,
334.363

 59, 67.651,
146.325

Harmonies

Complementary

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



65, 11.409, 159.203



61, 11.559, 341.371

Rectangle

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



65, 11.409, 159.203



65, 11.409, 209.203



65, 11.409, 339.203



65, 11.409, 29.203

Sweetspot

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



65, 11.411, 159.201



84, 3.986, 160.087



66, 13.303, 126.053



45, 2.857, 160.015



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, 11.411, 159.201



82, 17.005, 158.914



65, 8.531, 192.955



34, 4.574, 159.620



53, 61.838, 146.562



4, 7.331, 158.349

Inverse Universe

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



61, 11.559, 341.371



75, 17.271, 341.648



60, 9.219, 14.958



32, 4.617, 340.963



31, 56.866, 355.223



1, 6.856, 343.004

Previews

White Background



This preview shows how the CIELCh color 65, 11.409, 159.203 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, 11.409, 159.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

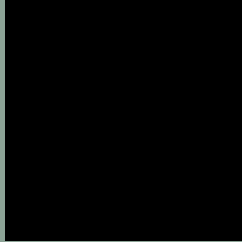
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

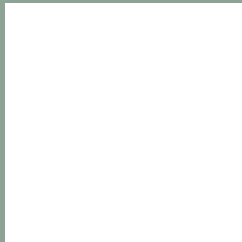
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 11.409, 159.203

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.409, 159.203.



This preview shows how white text looks on a background with the CIELCh color 65, 11.409, 159.203.

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](#).

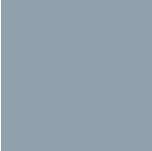
Dichromacy



Original Color
65, 11.409, 159.203

Protanopia
65, 6.008, 86.397

Deuteranopia
65, 8.662, 20.173



Tritanopia
65, 9.108, 251.819

Trichromacy



Original Color
65, 11.409, 159.203

Protanomaly
65, 6.299, 123.833

Deuteranomaly
65, 3.612, 69.484

Tritanomaly
65, 6.910, 217.749

Monochromacy



Original Color
65, 11.409, 159.203

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.157, 157.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.409, 159.203 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, 163, 150)` looks like.

```
.text, #text, p{  
    color:rgb(140, 163, 150)  
}
```

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, 163, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 163, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.409, 159.203 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, 163, 150) }
```

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

```
.border{ border-color:rgb(140, 163, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 163, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 163, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 163, 150);  
box-shadow:4px 4px 4px 4px rgb(140, 163,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.409, 159.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 163, 150) }
```

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

```
.background{ background-color: rgb(140,  
163, 150) }
```

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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