

Converting Colors

CIELCh(65, 10.811, 210.160)

Have a look what the booklet for
CIELCh(65, 10.811, 210.160)
contains.

CIELCh(65, 10.908, 210.364)	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, 10.908, 210.364)

Conversions

Conversions Part 1

Format	Color
Hex	85A3A7
RGB	133, 163, 167
RGB Percent	52%, 64%, 65%
CMY	0.4778, 0.3601, 0.3445
CMYK	0.20, 0.02, 0.00, 0.34
HSL	187°, 16%, 59%
HSV	187°, 20%, 66%
XYZ	29.8137, 34.0472, 41.6382
YIQ	154.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

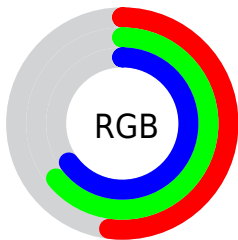
Format	Color
RYB	133, 149, 167
Decimal	8758183
CIELab	65.00, -9.41, -5.51
CIELCh	65, 10.908, 210.364
Yxy	34.0472, 0.2826, 0.3227
Android (android.graphics.Color)	4286948263 (0xFF85A3A7)
YUV	154.4860, 6.1694, -18.8432
Hunter-Lab	58.3500, -10.9086, -1.4641

Details

The CIELCh color $65, 10.908, 210.364$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $60, 12.499, 30.879$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 10.819, 209.988$, and $45, 10.682, 211.284$ is the 20% darker color. If you saturate the color by 10%, you get $63, 15.705, 210.469$, and if you desaturate by 10%, it is $67, 5.710, 210.392$.

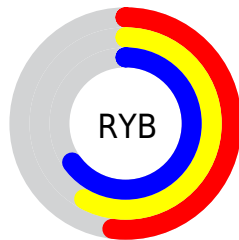
Distribution



Red (52%)

Green (64%)

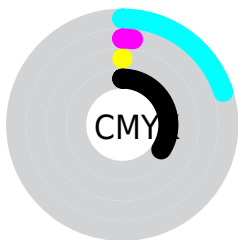
Blue (65%)



Red (52%)

Yellow (58%)

Blue (65%)

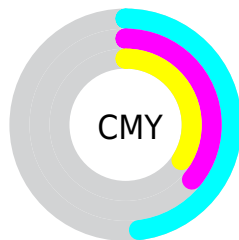


Cyan (20%)

Magenta (2%)

Yellow (0%)

Black (34%)



Cyan (48%)


Magenta (36%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 10.908, 210.364 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, 10.908, 210.364 by changing the saturation by 10% instead.


 65, 10.908,
210.364


 65, 10.908,
210.364


 100, 10.908,
210.364


 55, 10.908,
210.364


 85, 10.908,
210.364

 45, 10.908,
210.364

 95, 10.908,
210.364

 35, 10.908,
210.364

 25, 10.908,
210.364

 15, 10.908,
210.364

 5, 10.908, 210.364

 0, 10.908, 210.364

65, 10.908,
210.364

65, 10.908,
210.364

63, 15.705,
210.469

67, 5.710, 210.392

62, 20.012,
210.739

68, 0.194, 212.902

70, 5.566, 30.471

61, 23.742,
211.196

72, 11.506, 30.734

59, 26.817,
211.880

74, 17.573, 31.009

77, 23.723, 31.307

58, 29.182,
212.834

79, 29.922, 31.623

57, 30.817,
214.106

80, 31.335, 33.109

80, 30.832, 35.128

57, 31.749,
215.738

56, 32.172,

217.606

Harmonies

Complementary

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



65, 10.908, 210.364



60, 12.499, 30.879

Rectangle

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



65, 10.908, 210.364



65, 10.908, 260.364



65, 10.908, 30.364



65, 10.908, 80.364

Sweetspot

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



65, 10.908, 210.357



85, 4.137, 210.476



65, 21.271, 146.449



45, 2.762, 210.458



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 10.908, 210.357



81, 15.684, 210.385



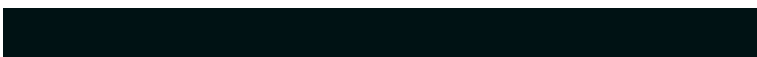
60, 12.587, 269.835



35, 3.151, 210.406



50, 29.426, 217.365



4, 5.712, 214.866

Inverse Universe

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



60, 21.299, 328.978



74, 31.055, 329.222



64, 12.803, 84.331



33, 5.930, 328.318



34, 70.325, 333.441



2, 10.451, 329.139

Previews

White Background



This preview shows how the CIELCh color 65, 10.908, 210.364 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, 10.908, 210.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

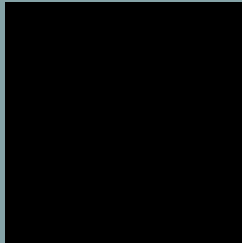
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 10.908, 210.364

Background



This preview shows how black text looks on a background with the CIELCh color 65, 10.908, 210.364.



This preview shows how white text looks on a background with the CIELCh color 65, 10.908, 210.364.

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, 10.908, 210.364

Protanopia

65, 3.984, 301.502

Deuteranopia

65, 10.392, 321.425



Tritanopia
65, 11.738, 236.958

Trichromacy



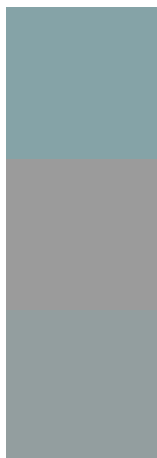
Original Color
65, 10.908, 210.364

Protanomaly
65, 4.930, 241.917

Deuteranomaly
65, 6.152, 283.924

Tritanomaly
65, 11.204, 228.592

Monochromacy



Original Color
65, 10.908, 210.364

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.148, 206.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 10.908, 210.364 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(133, 163, 167)` looks like.

```
.text, #text, p{  
    color:rgb(133, 163, 167)  
}
```

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(133, 163, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 163, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 10.908, 210.364 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(133, 163, 167) }
```

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

```
.border{ border-color:rgb(133, 163, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 163, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 163, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 163, 167);  
box-shadow:4px 4px 4px 4px rgb(133, 163,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 10.908, 210.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 163, 167) }
```

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

```
.background{ background-color: rgb(133,  
163, 167) }
```

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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