

Converting Colors

CIELCh(65, 25.465, 211.138)

Have a look what the booklet for
CIELCh(65, 25.465, 211.138)
contains.

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Color

CIELCh(65, 25.629, 210.073)

Conversions

Conversions Part 1

Format	Color
Hex	58AAB4
RGB	88, 170, 180
RGB Percent	35%, 67%, 71%
CMY	0.6555, 0.3339, 0.2947
CMYK	0.51, 0.06, 0.00, 0.29
HSL	187°, 38%, 52%
HSV	187°, 51%, 71%
XYZ	26.5771, 34.0472, 48.2683
YIQ	146.6220, -52.0820, -14.2740

Conversions

Conversions Part 2

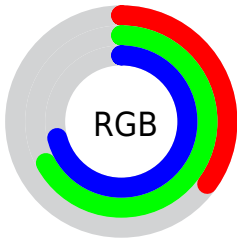
Format	Color
RYB	88, 131, 180
Decimal	5810868
CIELab	65.00, -22.18, -12.84
CIElCh	65, 25.629, 210.073
Yxy	34.0472, 0.2441, 0.3127
Android (android.graphics.Color)	4284000948 (0xFF58AAB4)
YUV	146.6220, 16.4554, -51.4115
Hunter-Lab	58.3500, -20.8096, -8.2010

Details

The CIELCh color **65, 25.629, 210.073** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **51, 37.965, 32.558**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 25.614, 210.971**, and **45, 25.688, 209.028** is the 20% darker color. If you saturate the color by 10%, you get **64, 28.827, 210.700**, and if you desaturate by 10%, it is **66, 21.717, 209.661**.

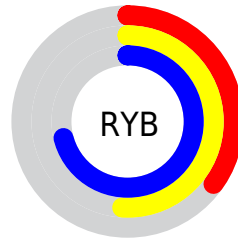
Distribution



Red (35%)

Green (67%)

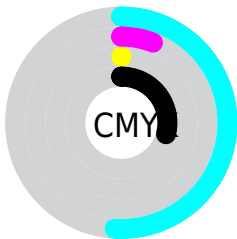
Blue (71%)



Red (35%)

Yellow (51%)

Blue (71%)

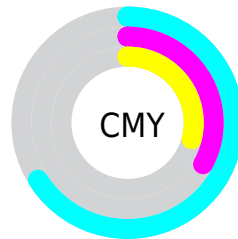


Cyan (51%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (66%)


Magenta (33%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 25.629, 210.073 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, 25.629, 210.073 by changing the saturation by 10% instead.


 65, 25.629,
210.073


 65, 25.629,
210.073


 100, 25.629,
210.073


 55, 25.629,
210.073


 85, 25.629,
210.073

 45, 25.629,
210.073

 95, 25.629,
210.073

 35, 25.629,
210.073

 25, 25.629,
210.073

 15, 25.629,
210.073

 5, 25.629, 210.073

 0, 25.629, 210.073

65, 25.629,
210.073

65, 25.629,
210.073

64, 28.827,
210.700

66, 21.717,
209.661

63, 31.256,
211.588

68, 17.174,
209.432

62, 32.899,
212.779

69, 12.094,
209.356

61, 33.793,
214.311

71, 6.572, 209.420

60, 34.137,
215.907

73, 0.700, 210.197

75, 5.441, 29.562

77, 11.779, 29.861

79, 18.257, 30.165

81, 24.825, 30.490

Harmonies

Complementary

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



65, 25.629, 210.073



51, 37.965, 32.558

Rectangle

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



65, 25.629, 210.073



65, 25.629, 260.073



65, 25.629, 30.073



65, 25.629, 80.073

Sweetspot

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



65, 25.629, 210.071



89, 10.838, 209.376



66, 56.339, 142.936



47, 7.343, 209.363



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 25.629, 210.071



81, 35.477, 210.768



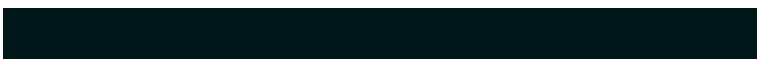
52, 33.279, 275.042



37, 3.331, 209.451



52, 30.327, 215.630



6, 7.932, 214.750

Inverse Universe

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



51, 55.644, 330.505



62, 79.685, 331.110



62, 35.173, 78.612



35, 6.265, 328.045



35, 72.569, 333.014



2, 14.550, 329.170

Previews

White Background



This preview shows how the CIELCh color 65, 25.629, 210.073 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, 25.629, 210.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

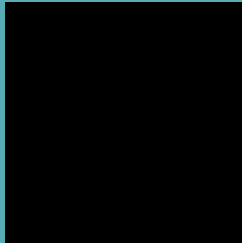
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 25.629, 210.073

Background



This preview shows how black text looks on a background with the CIELCh color 65, 25.629, 210.073.

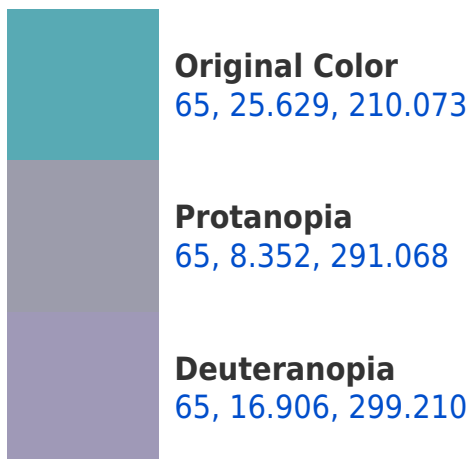



This preview shows how white text looks on a background with the CIELCh color 65, 25.629, 210.073.

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





Tritanopia
65, 25.339, 215.599

Trichromacy



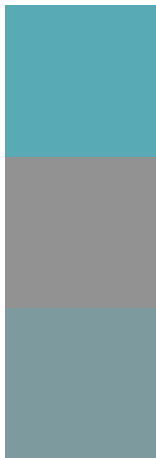
Original Color
65, 25.629, 210.073

Protanomaly
64, 12.538, 234.131

Deuteranomaly
64, 15.339, 255.996

Tritanomaly
65, 25.279, 214.293

Monochromacy



Original Color
65, 25.629, 210.073

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 10.922, 207.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 25.629, 210.073 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(88, 170, 180)` looks like.

```
.text, #text, p{  
    color:rgb(88, 170, 180)  
}
```

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(88, 170, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 170, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 25.629, 210.073 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(88, 170, 180) }
```

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

```
.border{ border-color:rgb(88, 170, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 170, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 170, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 170, 180);  
box-shadow:4px 4px 4px 4px rgb(88, 170,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 25.629, 210.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 170, 180) }
```

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

```
.background{ background-color: rgb(88, 170,  
180) }
```

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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