

Converting Colors

CIELCh(65, 25.490, 206.247)

Have a look what the booklet for
CIELCh(65, 25.490, 206.247)
contains.

CIELCh(65, 25.410, 206.283)	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, 25.410, 206.283)

Conversions

Conversions Part 1

Format	Color
Hex	59AAB1
RGB	89, 170, 177
RGB Percent	35%, 67%, 69%
CMY	0.6510, 0.3333, 0.3059
CMYK	0.50, 0.04, 0.00, 0.31
HSL	185°, 36%, 52%
HSV	185°, 50%, 69%
XYZ	26.4301, 34.0472, 46.7732
YIQ	146.5790, -50.5230, -14.9950

Conversions

Conversions Part 2

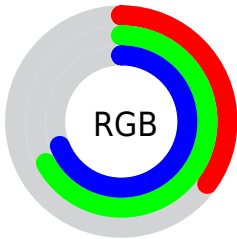
Format	Color
R _Y B	89, 131, 177
Decimal	5876401
CIE Lab	65.00, -22.78, -11.25
CIE LCh	65, 25.410, 206.283
Yxy	34.0472, 0.2464, 0.3175
Android (android.graphics.Color)	4284066481 (0xFF59AAB1)
YUV	146.5790, 14.9976, -50.4968
Hunter-Lab	58.3500, -21.2594, -6.6818

Details

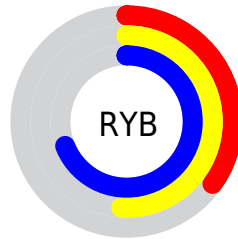
The CIELCh color **65, 25.410, 206.283** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **50, 37.015, 30.231**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 25.542, 206.111**, and **45, 25.615, 204.888** is the 20% darker color. If you saturate the color by 10%, you get **64, 28.753, 206.609**, and if you desaturate by 10%, it is **66, 21.355, 206.119**.

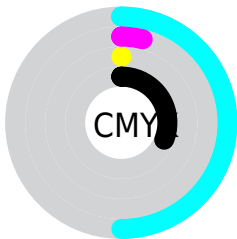
Distribution



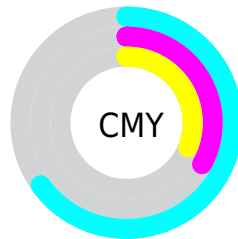
- Red (35%)
- Green (67%)
- Blue (69%)



- Red (35%)
- Yellow (51%)
- Blue (69%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (31%)





- Cyan (65%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 25.410, 206.283 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, 25.410, 206.283 by changing the saturation by 10% instead.


 65, 25.410,
206.283


 65, 25.410,
206.283


 100, 25.410,
206.283


 55, 25.410,
206.283


 85, 25.410,
206.283

 45, 25.410,
206.283

 95, 25.410,
206.283

 35, 25.410,
206.283

 25, 25.410,
206.283

 15, 25.410,
206.283

 5, 25.410, 206.283

 0, 25.410, 206.283

65, 25.410,
206.283

65, 25.410,
206.283

64, 28.753,
206.609

66, 21.355,
206.119

63, 31.326,
207.131

68, 16.674,
206.099

62, 33.105,
207.875

69, 11.461,
206.200

62, 34.116,
208.868

71, 5.814, 206.422

61, 34.538,
210.081

72, 0.175, 23.681

74, 6.422, 26.818

61, 34.548,
210.116

76, 12.858, 27.210

78, 19.422, 27.608

80, 26.066, 28.020

Harmonies

Complementary

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



65, 25.410, 206.283



50, 37.015, 30.231

Rectangle

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



65, 25.410, 206.283



65, 25.410, 256.283



65, 25.410, 26.283



65, 25.410, 76.283

Sweetspot

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



65, 25.410, 206.281



88, 10.919, 206.281



65, 55.412, 142.184



46, 7.396, 206.241



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 25.410, 206.281



81, 35.382, 206.666



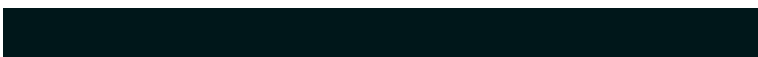
52, 30.502, 271.575



37, 3.416, 206.434



53, 31.057, 209.943



6, 8.180, 210.291

Inverse Universe

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



51, 54.614, 329.442



61, 78.831, 330.020



60, 33.108, 75.741



35, 6.394, 327.161



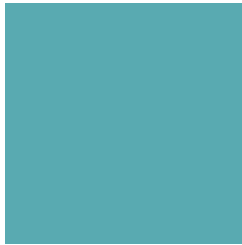
35, 74.220, 331.620



3, 14.981, 327.845

Previews

White Background



This preview shows how the CIELCh color 65, 25.410, 206.283 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, 25.410, 206.283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

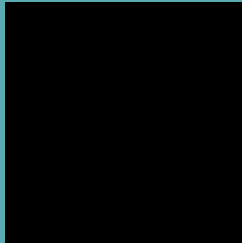
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

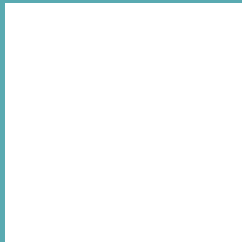
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 25.410, 206.283

Background



This preview shows how black text looks on a background with the CIELCh color 65, 25.410, 206.283.

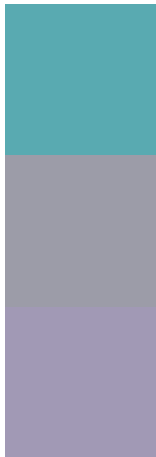


This preview shows how white text looks on a background with the CIELCh color 65, 25.410, 206.283.

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, 25.410, 206.283

Protanopia
65, 6.683, 290.895

Deuteranopia
65, 15.923, 302.232



Tritanopia
65, 24.902, 215.959

Trichromacy



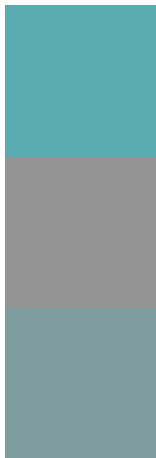
Original Color
65, 25.410, 206.283

Protanomaly
64, 11.502, 227.757

Deuteranomaly
64, 14.110, 255.329

Tritanomaly
65, 25.007, 213.139

Monochromacy



Original Color
65, 25.410, 206.283

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 10.586, 207.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 25.410, 206.283 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(89, 170, 177)` looks like.

```
.text, #text, p{  
    color:rgb(89, 170, 177)  
}
```

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(89, 170, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 170, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 25.410, 206.283 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(89, 170, 177) }
```

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

```
.border{ border-color:rgb(89, 170, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 170, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 170, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 170, 177);  
box-shadow:4px 4px 4px 4px rgb(89, 170,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 25.410, 206.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 170, 177) }
```

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

```
.background{ background-color: rgb(89, 170,  
177) }
```

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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