

Converting Colors

CIELCh(68, 25.810, 213.795)

Have a look what the booklet for
CIELCh(68, 25.810, 213.795)
contains.

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Color

CIELCh(68, 25.810, 213.795)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60B2BF |
| RGB | 96, 178, 191 |
| RGB Percent | 38%, 70%, 75% |
| CMY | 0.6245, 0.3029, 0.2519 |
| CMYK | 0.50, 0.07, 0.00, 0.25 |
| HSL | 188°, 43%, 56% |
| HSV | 188°, 50%, 75% |
| XYZ | 30.0496, 37.9720, 54.8992 |
| YIQ | 154.9640, -53.0450, -13.3410 |

Conversions

Conversions Part 2

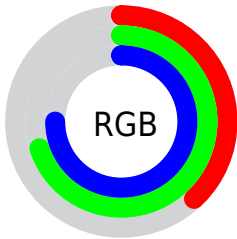
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 96, 140, 191 |
| Decimal | 6337215 |
| CIE _{Lab} | 68.00, -21.45, -14.36 |
| CIE _{LCh} | 68, 25.810, 213.795 |
| Yxy | 37.9720, 0.2445, 0.3089 |
| Android (android.graphics.Color) | 4284527295 (0xFF60B2BF) |
| YUV | 154.9640, 17.7657, -51.7114 |
| Hunter-Lab | 61.6215, -20.7923, -9.6871 |

Details

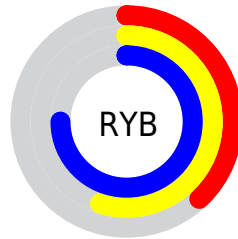
The CIELCh color **68, 25.810, 213.795** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55, 37.850, 34.581**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 25.694, 213.315**, and **48, 25.846, 214.471** is the 20% darker color. If you saturate the color by 10%, you get **67, 29.204, 214.672**, and if you desaturate by 10%, it is **70, 21.696, 213.177**.

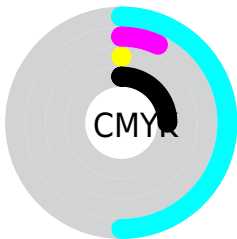
Distribution



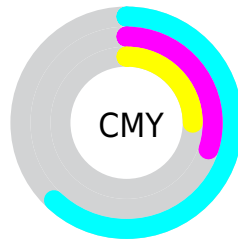
- Red (38%)
- Green (70%)
- Blue (75%)



- Red (38%)
- Yellow (55%)
- Blue (75%)



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)





- Cyan (62%)
- Magenta (30%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 25.810, 213.795 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 68, 25.810, 213.795 by changing the saturation by 10% instead.


 68, 25.810,
213.795


 68, 25.810,
213.795


 100, 25.810,
213.795


 58, 25.810,
213.795


 88, 25.810,
213.795

 48, 25.810,
213.795

 98, 25.810,
213.795

 38, 25.810,
213.795

 28, 25.810,
213.795

 18, 25.810,
213.795

 8, 25.810, 213.795

 0, 25.810, 213.795

68, 25.810,
213.795

68, 25.810,
213.795

67, 29.204,
214.672

70, 21.696,
213.177

65, 31.819,
215.869

71, 16.949,
212.778

64, 33.631,
217.442

73, 11.666,
212.558

63, 34.677,
219.444

75, 5.945, 212.504

77, 0.122, 28.029

62, 35.146,
221.844

80, 6.454, 32.431

62, 35.155,
221.892

82, 12.982, 32.628

84, 19.647, 32.844

85, 21.571, 35.481

Harmonies

Complementary

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



68, 25.810, 213.795



55, 37.850, 34.581

Rectangle

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



68, 25.810, 213.795



68, 25.810, 263.795



68, 25.810, 33.795



68, 25.810, 83.795

Sweetspot

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



68, 25.810, 213.793



94, 11.066, 212.511



70, 56.327, 144.040



50, 7.563, 212.528



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 25.810, 213.793



84, 35.914, 214.793



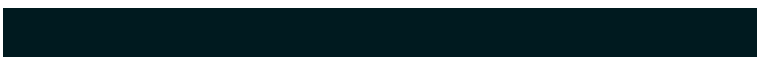
54, 35.565, 277.551



39, 3.411, 212.506



52, 30.613, 221.485



8, 9.849, 217.369

Inverse Universe

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



55, 55.911, 331.429



65, 80.534, 332.110



66, 36.592, 81.739



37, 6.432, 328.939



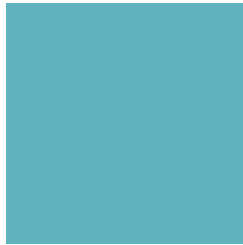
36, 72.729, 334.463



3, 18.768, 330.954

Previews

White Background



This preview shows how the CIELCh color 68, 25.810, 213.795 looks on a white background.

Color Contrast Check

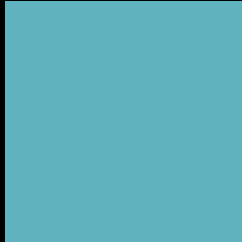
Large Text (above 18pt) WCAG AA × Fail

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 68, 25.810, 213.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

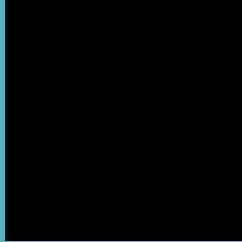
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 25.810, 213.795

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.810, 213.795.

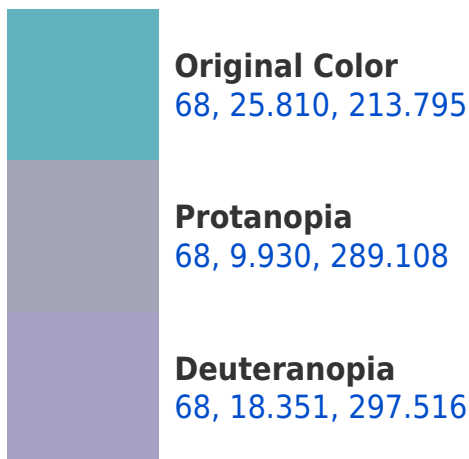


This preview shows how white text looks on a background with the CIELCh color 68, 25.810, 213.795.

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
68, 25.867, 215.061

Trichromacy



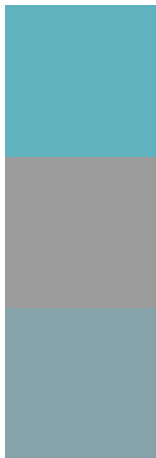
Original Color
68, 25.810, 213.795

Protanomaly
68, 13.370, 240.292

Deuteranomaly
67, 16.720, 258.548

Tritanomaly
68, 25.867, 215.061

Monochromacy



Original Color
68, 25.810, 213.795

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 10.988, 213.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.810, 213.795 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(96, 178, 191)` looks like.

```
.text, #text, p{  
    color:rgb(96, 178, 191)  
}
```

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(96, 178, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 178, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.810, 213.795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

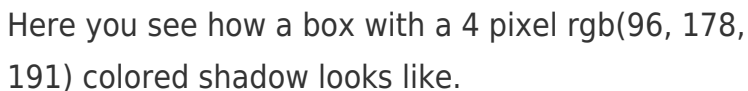
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 178, 191) }
```

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

```
.border{ border-color:rgb(96, 178, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 178, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 178, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 178, 191);  
box-shadow:4px 4px 4px 4px rgb(96, 178,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.810, 213.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 178, 191) }
```

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

```
.background{ background-color: rgb(96, 178,  
191) }
```

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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