

Converting Colors

CIELCh(68, 27.879, 185.693)

Have a look what the booklet for
CIELCh(68, 27.879, 185.693)
contains.

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Color

CIELCh(68, 27.880, 185.672)

Conversions

Conversions Part 1

Format	Color
Hex	61B4AA
RGB	97, 180, 170
RGB Percent	38%, 71%, 67%
CMY	0.6205, 0.2950, 0.3342
CMYK	0.46, 0.00, 0.06, 0.30
HSL	173°, 36%, 54%
HSV	173°, 46%, 70%
XYZ	28.4143, 37.9720, 43.7502
YIQ	154.0430, -46.2580, -20.7060

Conversions

Conversions Part 2

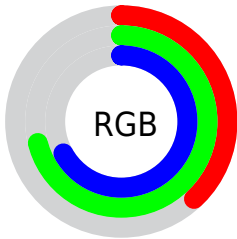
Format	Color
RYB	97, 141, 180
Decimal	6403242
CIELab	68.00, -27.74, -2.76
CIELCh	68, 27.880, 185.672
Yxy	37.9720, 0.2580, 0.3448
Android (android.graphics.Color)	4284593322 (0xFF61B4AA)
YUV	154.0430, 7.8668, -50.0267
Hunter-Lab	61.6215, -25.5294, 1.0401

Details

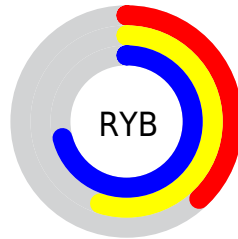
The CIELCh color **68, 27.880, 185.672** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **51, 35.799, 15.333**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 27.721, 185.536**, and **48, 27.968, 185.483** is the 20% darker color. If you saturate the color by 10%, you get **67, 32.417, 184.740**, and if you desaturate by 10%, it is **69, 22.680, 186.556**.

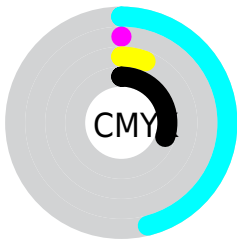
Distribution



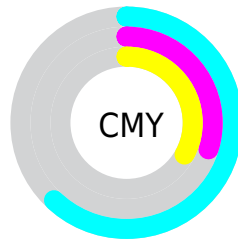
- Red (38%)
- Green (71%)
- Blue (67%)



- Red (38%)
- Yellow (55%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)




- Cyan (62%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 27.880, 185.672 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, 27.880, 185.672 by changing the saturation by 10% instead.


 68, 27.880,
185.672

 68, 27.880,
185.672


 100, 27.880,
185.672


 58, 27.880,
185.672


 88, 27.880,
185.672

 48, 27.880,
185.672

 98, 27.880,
185.672

 38, 27.880,
185.672

 28, 27.880,
185.672

 18, 27.880,
185.672

 8, 27.880, 185.672

 0, 27.880, 185.672

■ 68, 27.880,
185.672

■ 68, 27.880,
185.672

■ 67, 32.417,
184.740

■ 69, 22.680,
186.556

■ 67, 36.206,
183.751

■ 70, 16.920,
187.411

■ 66, 39.198,
182.683

■ 71, 10.711,
188.250

■ 66, 41.392,
181.517

■ 72, 4.163, 189.124

■ 66, 42.859,
180.240

■ 74, 2.625, 9.606

■ 66, 43.337,
179.745

■ 75, 9.566, 10.513

■ 77, 16.589, 11.293

■ 79, 23.636, 12.045

■ 80, 29.282, 12.195

Harmonies

Complementary

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



68, 27.880, 185.672



51, 35.799, 15.333

Rectangle

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



68, 27.880, 185.672



68, 27.880, 235.672



68, 27.880, 5.672



68, 27.880, 55.672

Sweetspot

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



68, 27.880, 185.670



91, 11.560, 188.412



67, 52.631, 137.864



48, 7.939, 188.233



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 27.880, 185.670



86, 39.452, 184.762



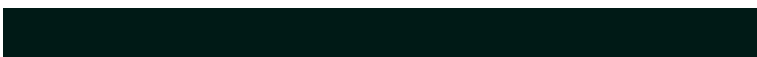
59, 23.193, 246.803



37, 3.780, 188.834



57, 38.410, 179.929



7, 9.482, 185.075

Inverse Universe

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



51, 35.799, 15.333



61, 53.730, 17.548



58, 29.699, 55.970



35, 3.954, 10.216



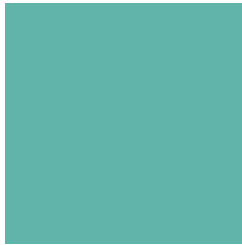
31, 66.336, 33.997



2, 9.256, 11.715

Previews

White Background



This preview shows how the CIELCh color 68, 27.880, 185.672 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, 27.880, 185.672 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, 27.880, 185.672

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.880, 185.672.

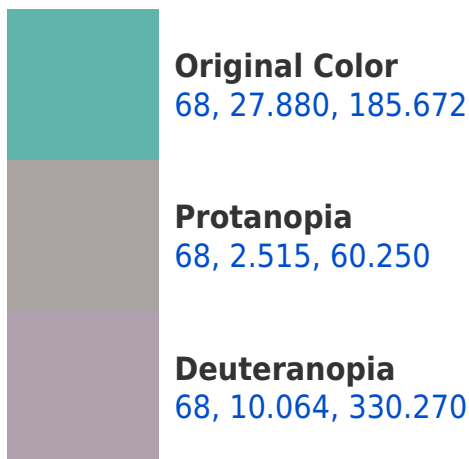


This preview shows how white text looks on a background with the CIELCh color 68, 27.880, 185.672.

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, 24.043, 216.575

Trichromacy



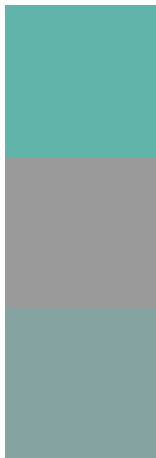
Original Color
68, 27.880, 185.672

Protanomaly
67, 10.531, 180.179

Deuteranomaly
67, 7.365, 221.004

Tritanomaly
68, 24.558, 203.990

Monochromacy



Original Color
68, 27.880, 185.672

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 11.122, 189.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.880, 185.672 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(97, 180, 170)` looks like.

```
.text, #text, p{  
    color:rgb(97, 180, 170)  
}
```

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(97, 180, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 180, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.880, 185.672 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(97, 180, 170) }
```

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

```
.border{ border-color:rgb(97, 180, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 180, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 180, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 180, 170);  
box-shadow:4px 4px 4px 4px rgb(97, 180,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.880, 185.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 180, 170) }
```

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

```
.background{ background-color: rgb(97, 180,  
170) }
```

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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