

Converting Colors

CIELCh(76, 29.956, 188.878)

Have a look what the booklet for
CIELCh(76, 29.956, 188.878)
contains.

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Color

CIELCh(76, 29.956, 188.862)

Conversions

Conversions Part 1

Format	Color
Hex	6ECBC3
RGB	110, 203, 195
RGB Percent	43%, 80%, 76%
CMY	0.5692, 0.2044, 0.2358
CMYK	0.46, 0.00, 0.04, 0.20
HSL	175°, 47%, 61%
HSV	175°, 46%, 80%
XYZ	37.5717, 49.8872, 59.1990
YIQ	174.2810, -52.8600, -22.2040

Conversions

Conversions Part 2

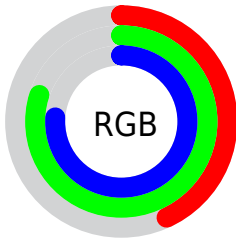
Format	Color
RYB	110, 159, 203
Decimal	7261123
CIELab	76.00, -29.60, -4.61
CIElCh	76, 29.956, 188.862
Yxy	49.8872, 0.2562, 0.3402
Android (android.graphics.Color)	4285451203 (0xFF6ECBC3)
YUV	174.2810, 10.2145, -56.3744
Hunter-Lab	70.6309, -28.6520, -0.2520

Details

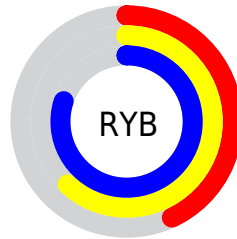
The CIELCh color **76, 29.956, 188.862** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 39.386, 17.947**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.925, 193.422**, and **56, 29.845, 188.852** is the 20% darker color. If you saturate the color by 10%, you get **75, 34.753, 188.070**, and if you desaturate by 10%, it is **77, 24.397, 189.631**.

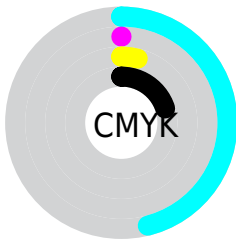
Distribution



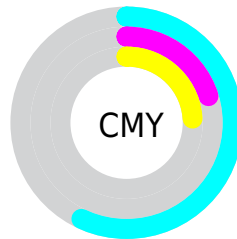
- Red (43%)
- Green (80%)
- Blue (76%)



- Red (43%)
- Yellow (62%)
- Blue (80%)



- Cyan (46%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)





- Cyan (57%)
- Magenta (20%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 29.956, 188.862 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 76, 29.956, 188.862 by changing the saturation by 10% instead.


 76, 29.956,
188.862


 76, 29.956,
188.862


 100, 29.956,
188.862


 66, 29.956,
188.862


 96, 29.956,
188.862

 56, 29.956,
188.862

 46, 29.956,
188.862

 36, 29.956,
188.862

 26, 29.956,
188.862

 16, 29.956,
188.862

 6, 29.956, 188.862

0, 29.956, 188.862

76, 29.956,
188.862

76, 29.956,
188.862

75, 34.753,
188.070

77, 24.397,
189.631

75, 38.698,
187.250

78, 18.189,
190.393

74, 41.743,
186.383

79, 11.454,
191.159

74, 43.894,
185.452

81, 4.313, 191.981

74, 45.225,
184.444

82, 3.121, 12.420

84, 10.750, 13.279

74, 45.651,
184.015

86, 18.492, 14.030

■ 86, 19.742, 11.929

■ 86, 19.842, 9.330

Harmonies

Complementary

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



76, 29.956, 188.862



57, 39.386, 17.947

Rectangle

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



76, 29.956, 188.862



76, 29.956, 238.862



76, 29.956, 8.862



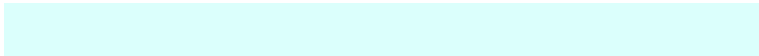
76, 29.956, 58.862

Sweetspot

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



76, 29.956, 188.860



97, 12.232, 191.288



75, 58.235, 138.646



52, 8.401, 191.118



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 29.956, 188.860



92, 41.232, 188.079



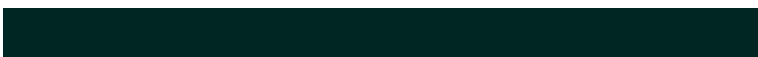
66, 26.063, 251.404



42, 4.177, 191.670



61, 39.233, 184.178



13, 14.337, 186.543

Inverse Universe

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



57, 39.386, 17.947



66, 57.950, 20.190



66, 32.474, 59.423



40, 4.390, 12.978



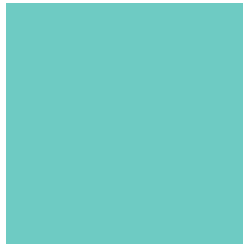
34, 72.115, 36.178



4, 17.977, 15.173

Previews

White Background



This preview shows how the CIELCh color 76, 29.956, 188.862 looks on a white background.

Color Contrast Check

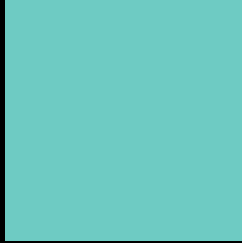
Large Text (above 18pt) WCAG AA × Fail

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 76, 29.956, 188.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

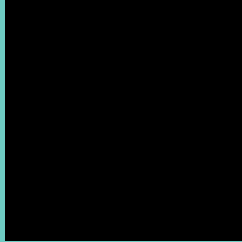
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

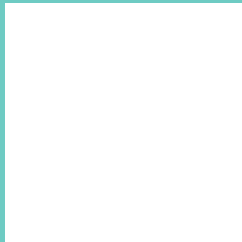
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 29.956, 188.862

Background



This preview shows how black text looks on a background with the CIELCh color 76, 29.956, 188.862.

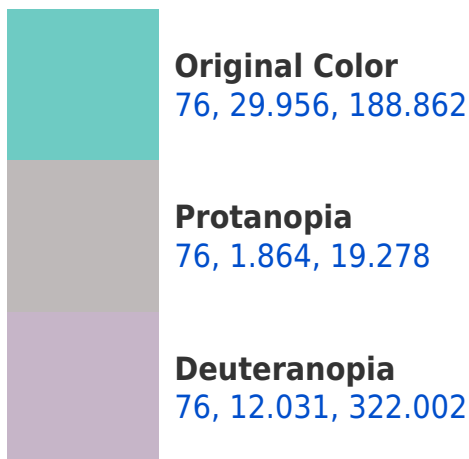


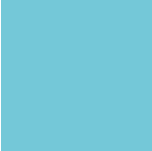
This preview shows how white text looks on a background with the CIELCh color 76, 29.956, 188.862.

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
76, 26.606, 216.751

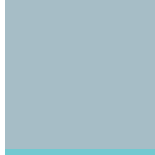
Trichromacy



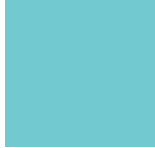
Original Color
76, 29.956, 188.862



Protanomaly
75, 10.759, 192.826



Deuteranomaly
75, 9.309, 230.471

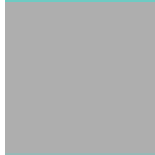


Tritanomaly
76, 27.034, 205.588

Monochromacy



Original Color
76, 29.956, 188.862



Achromatopsia
71, 0.009, 296.813



Achromatomaly
72, 11.833, 193.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 29.956, 188.862 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(110, 203, 195)` looks like.

```
.text, #text, p{  
    color:rgb(110, 203, 195)  
}
```

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(110, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 203, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 29.956, 188.862 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(110, 203, 195) }
```

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

```
.border{ border-color:rgb(110, 203, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 203, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(110, 203,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 29.956, 188.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 203, 195) }
```

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

```
.background{ background-color: rgb(110,  
203, 195) }
```

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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