

Converting Colors

CIELCh(76, 29.362, 197.277)

Have a look what the booklet for
CIELCh(76, 29.362, 197.277)
contains.

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Color

CIELCh(76, 29.356, 197.270)

Conversions

Conversions Part 1

Format	Color
Hex	6BCACA
RGB	107, 202, 202
RGB Percent	42%, 79%, 79%
CMY	0.5786, 0.2061, 0.2061
CMYK	0.47, 0.00, 0.00, 0.21
HSL	180°, 47%, 61%
HSV	180°, 47%, 79%
XYZ	38.0547, 49.8872, 63.7729
YIQ	173.5950, -56.6200, -20.1400

Conversions

Conversions Part 2

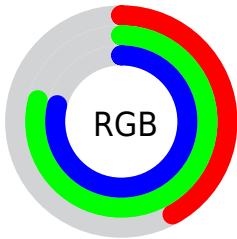
Format	Color
RYB	107, 155, 202
Decimal	7064266
CIELab	76.00, -28.03, -8.72
CIELCh	76, 29.356, 197.270
Yxy	49.8872, 0.2508, 0.3288
Android (android.graphics.Color)	4285254346 (0xFF6BCACA)
YUV	173.5950, 14.0037, -58.4038
Hunter-Lab	70.6309, -27.4313, -4.0915

Details

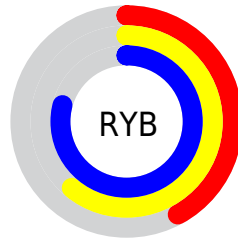
The CIELCh color **76, 29.356, 197.270** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 41.189, 24.492**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.352, 197.670**, and **56, 29.478, 196.726** is the 20% darker color. If you saturate the color by 10%, you get **75, 33.649, 196.965**, and if you desaturate by 10%, it is **77, 24.242, 197.635**.

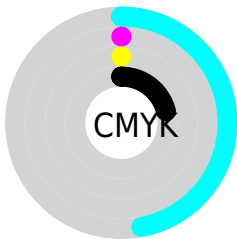
Distribution



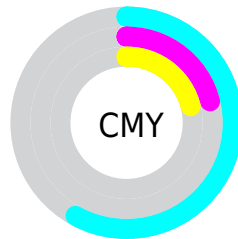
- Red (42%)
- Green (79%)
- Blue (79%)



- Red (42%)
- Yellow (61%)
- Blue (79%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)





- Cyan (58%)
- Magenta (21%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 29.356, 197.270 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, 29.356, 197.270 by changing the saturation by 10% instead.


 76, 29.356,
197.270


 76, 29.356,
197.270


 100, 29.356,
197.270


 66, 29.356,
197.270


 96, 29.356,
197.270

 56, 29.356,
197.270

 46, 29.356,
197.270

 36, 29.356,
197.270

 26, 29.356,
197.270

 16, 29.356,
197.270

 6, 29.356, 197.270

0, 29.356, 197.270

76, 29.356,
197.270

76, 29.356,
197.270

75, 33.649,
196.965

77, 24.242,
197.635

75, 37.052,
196.728

78, 18.405,
198.064

74, 39.538,
196.556

79, 11.959,
198.552

74, 41.133,
196.446

80, 5.025, 199.133

82, 2.287, 19.332

74, 41.942,
196.391

84, 9.872, 20.100

74, 42.118,
196.378

85, 17.642, 20.727

■ 86, 19.905, 20.906

■ 86, 19.904, 20.904

Harmonies

Complementary

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



76, 29.356, 197.270



56, 41.189, 24.492

Rectangle

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



76, 29.356, 197.270



76, 29.356, 247.270



76, 29.356, 17.270



76, 29.356, 67.270

Sweetspot

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



76, 29.356, 197.268



98, 12.029, 198.698



74, 60.882, 140.363



52, 8.252, 198.581



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, 29.356, 197.268



93, 39.965, 196.969



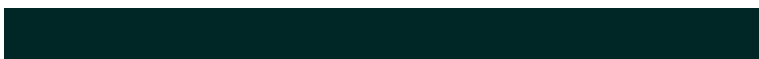
63, 28.939, 262.137



42, 4.119, 198.973



62, 36.302, 196.379



13, 13.514, 196.380

Inverse Universe

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



56, 41.189, 24.492



65, 60.856, 26.628



67, 33.638, 67.887



40, 4.369, 19.921



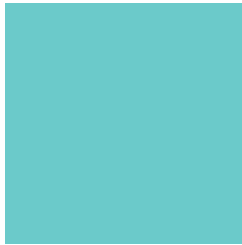
34, 75.552, 39.821



4, 17.910, 19.402

Previews

White Background



This preview shows how the CIELCh color 76, 29.356, 197.270 looks on a white background.

Color Contrast Check

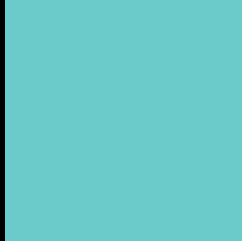
Large Text (above 18pt) WCAG AA × Fail

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, 29.356, 197.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

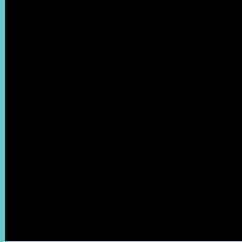
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

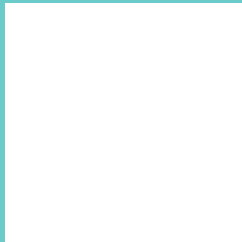
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 29.356, 197.270

Background



This preview shows how black text looks on a background with the CIELCh color 76, 29.356, 197.270.

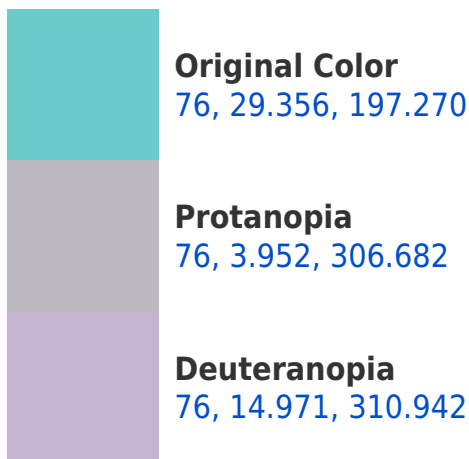


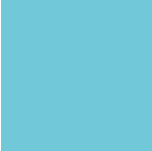
This preview shows how white text looks on a background with the CIELCh color 76, 29.356, 197.270.

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, 27.499, 216.054

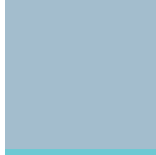
Trichromacy



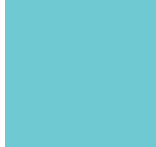
Original Color
76, 29.356, 197.270



Protanomaly
75, 11.415, 212.354



Deuteranomaly
75, 12.231, 244.039

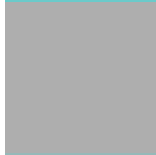


Tritanomaly
76, 27.946, 208.694

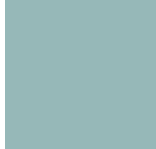
Monochromacy



Original Color
76, 29.356, 197.270



Achromatopsia
71, 0.009, 296.813



Achromatomaly
72, 12.031, 198.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 29.356, 197.270 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(107, 202, 202)` looks like.

```
.text, #text, p{  
    color:rgb(107, 202, 202)  
}
```

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(107, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 202, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 29.356, 197.270 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(107, 202, 202) }
```

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

```
.border{ border-color:rgb(107, 202, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 202, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(107, 202,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 29.356, 197.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 202, 202) }
```

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

```
.background{ background-color: rgb(107,  
202, 202) }
```

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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