

Converting Colors

CIELCh(76, 29.336, 195.134)

Have a look what the booklet for
CIELCh(76, 29.336, 195.134)
contains.

CIELCh(76, 29.099, 195.134)	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(76, 29.099, 195.134)

Conversions

Conversions Part 1

Format	Color
Hex	6DCAC8
RGB	109, 202, 200
RGB Percent	43%, 79%, 78%
CMY	0.5710, 0.2063, 0.2142
CMYK	0.46, 0.00, 0.01, 0.21
HSL	179°, 47%, 61%
HSV	179°, 46%, 79%
XYZ	38.0370, 49.8872, 62.5032
YIQ	173.9650, -54.7860, -20.3380

Conversions

Conversions Part 2

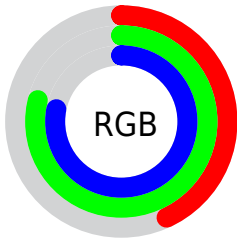
Format	Color
RYB	109, 156, 202
Decimal	7195336
CIELab	76.00, -28.09, -7.60
CIElCh	76, 29.099, 195.134
Yxy	49.8872, 0.2529, 0.3316
Android (android.graphics.Color)	4285385416 (0xFF6DCAC8)
YUV	173.9650, 12.8353, -56.9743
Hunter-Lab	70.6309, -27.4761, -3.0257

Details

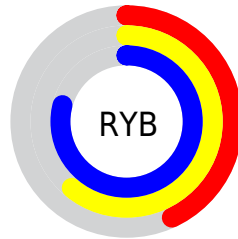
The CIELCh color **76, 29.099, 195.134** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 39.955, 22.748**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.824, 197.702**, and **56, 29.294, 194.460** is the 20% darker color. If you saturate the color by 10%, you get **75, 33.562, 194.688**, and if you desaturate by 10%, it is **77, 23.836, 195.617**.

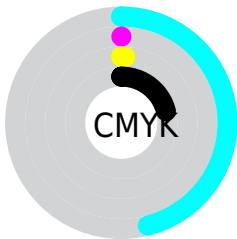
Distribution



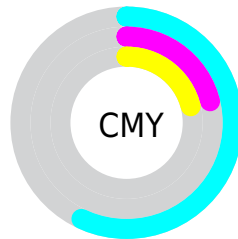
- Red (43%)
- Green (79%)
- Blue (78%)



- Red (43%)
- Yellow (61%)
- Blue (79%)



- Cyan (46%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)





- Cyan (57%)
- Magenta (21%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 29.099, 195.134 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, 29.099, 195.134 by changing the saturation by 10% instead.


 76, 29.099,
195.134

 76, 29.099,
195.134


 100, 29.099,
195.134


 66, 29.099,
195.134


 96, 29.099,
195.134

 56, 29.099,
195.134

 46, 29.099,
195.134

 36, 29.099,
195.134

 26, 29.099,
195.134

 16, 29.099,
195.134

 6, 29.099, 195.134

0, 29.099, 195.134

76, 29.099,
195.134

76, 29.099,
195.134

75, 33.562,
194.688

77, 23.836,
195.617

75, 37.146,
194.282

78, 17.875,
196.144

74, 39.815,
193.911

79, 11.334,
196.715

74, 41.587,
193.567

81, 4.333, 197.378

74, 42.545,
193.240

82, 3.016, 17.676

84, 10.612, 18.435

74, 42.811,
193.110

86, 18.371, 19.098

■ 86, 19.881, 18.701

■ 86, 19.873, 18.050

Harmonies

Complementary

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



76, 29.099, 195.134



57, 39.955, 22.748

Rectangle

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



76, 29.099, 195.134



76, 29.099, 245.134



76, 29.099, 15.134



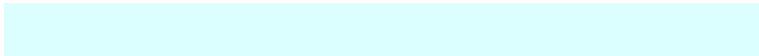
76, 29.099, 65.134

Sweetspot

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



76, 29.099, 195.132



98, 12.062, 196.822



74, 59.404, 140.114



52, 8.277, 196.690



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, 29.099, 195.132



93, 39.847, 194.696



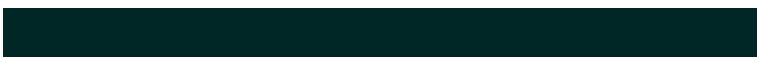
64, 27.834, 259.917



42, 4.127, 197.127



61, 36.898, 193.155



13, 13.687, 193.814

Inverse Universe

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



57, 39.955, 22.748



66, 59.135, 24.872



67, 32.722, 66.308



40, 4.368, 18.178



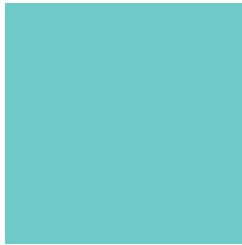
34, 74.670, 38.948



4, 17.918, 18.341

Previews

White Background



This preview shows how the CIELCh color 76, 29.099, 195.134 looks on a white background.

Color Contrast Check

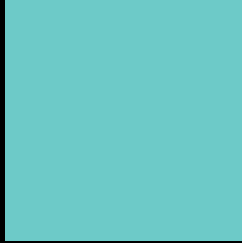
Large Text (above 18pt) WCAG AA × Fail

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, 29.099, 195.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

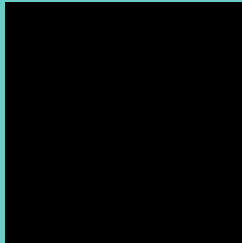
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

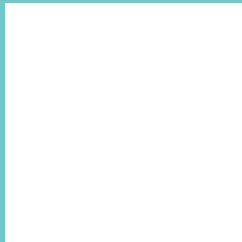
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 29.099, 195.134

Background



This preview shows how black text looks on a background with the CIELCh color 76, 29.099, 195.134.

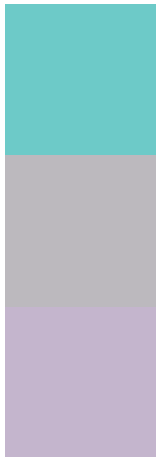


This preview shows how white text looks on a background with the CIELCh color 76, 29.099, 195.134.

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

76, 29.099, 195.134

Protanopia

76, 2.933, 312.541

Deuteranopia

76, 14.098, 313.790



Tritanopia
76, 27.056, 216.395

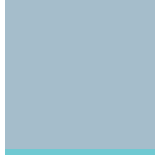
Trichromacy



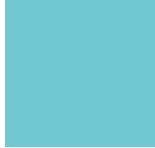
Original Color
76, 29.099, 195.134



Protanomaly
75, 11.294, 206.877



Deuteranomaly
75, 11.066, 242.175

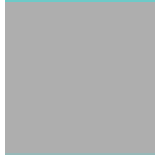


Tritanomaly
76, 27.485, 207.746

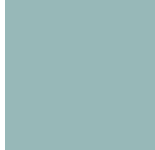
Monochromacy



Original Color
76, 29.099, 195.134



Achromatopsia
71, 0.009, 296.813



Achromatomaly
72, 11.697, 198.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 29.099, 195.134 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(109, 202, 200)` looks like.

```
.text, #text, p{  
    color:rgb(109, 202, 200)  
}
```

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(109, 202, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 202, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 29.099, 195.134 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(109, 202, 200) }
```

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

```
.border{ border-color:rgb(109, 202, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 202, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 202, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 202, 200);  
box-shadow:4px 4px 4px 4px rgb(109, 202,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 29.099, 195.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 202, 200) }
```

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

```
.background{ background-color: rgb(109,  
202, 200) }
```

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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