

Converting Colors

CIELCh(76, 26.768, 197.467)

Have a look what the booklet for
CIELCh(76, 26.768, 197.467)
contains.

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Color

CIELCh(76, 26.676, 197.454)

Conversions

Conversions Part 1

Format	Color
Hex	75C9C9
RGB	117, 201, 201
RGB Percent	46%, 79%, 79%
CMY	0.5404, 0.2110, 0.2110
CMYK	0.42, 0.00, 0.00, 0.21
HSL	180°, 44%, 62%
HSV	180°, 42%, 79%
XYZ	38.8611, 49.8872, 62.9602
YIQ	175.8840, -50.0640, -17.8080

Conversions

Conversions Part 2

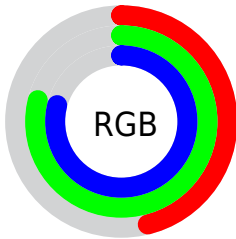
Format	Color
RYB	117, 159, 201
Decimal	7719369
CIELab	76.00, -25.45, -8.00
CIELCh	76, 26.676, 197.454
Yxy	49.8872, 0.2562, 0.3288
Android (android.graphics.Color)	4285909449 (0xFF75C9C9)
YUV	175.8840, 12.3822, -51.6413
Hunter-Lab	70.6309, -25.3934, -3.4093

Details

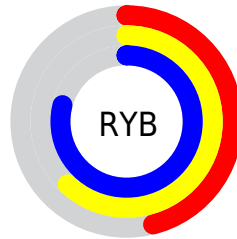
The CIELCh color **76, 26.676, 197.454** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 35.879, 23.569**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.937, 197.818**, and **56, 26.813, 196.948** is the 20% darker color. If you saturate the color by 10%, you get **75, 31.383, 197.115**, and if you desaturate by 10%, it is **77, 21.201, 197.851**.

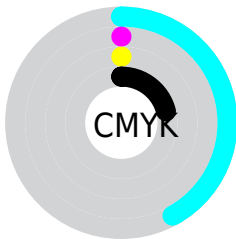
Distribution



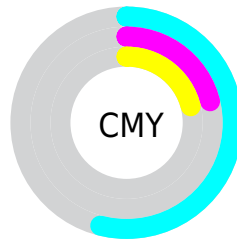
- Red (46%)
- Green (79%)
- Blue (79%)



- Red (46%)
- Yellow (62%)
- Blue (79%)



- Cyan (42%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)





- Cyan (54%)
- Magenta (21%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 26.676, 197.454 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, 26.676, 197.454 by changing the saturation by 10% instead.


 76, 26.676,
197.454


 76, 26.676,
197.454


 100, 26.676,
197.454


 66, 26.676,
197.454


 96, 26.676,
197.454

 56, 26.676,
197.454

 46, 26.676,
197.454

 36, 26.676,
197.454

 26, 26.676,
197.454

 16, 26.676,
197.454

 6, 26.676, 197.454

0, 26.676, 197.454

76, 26.676,
197.454

76, 26.676,
197.454

75, 31.383,
197.115

77, 21.201,
197.851

75, 35.235,
196.844

78, 15.065,
198.310

74, 38.183,
196.638

79, 8.385, 198.835

74, 40.224,
196.497

81, 1.278, 199.739

82, 6.150, 19.783

74, 41.414,
196.415

84, 13.803, 20.426

74, 41.924,
196.380

86, 20.415, 20.955

■ 86, 20.415, 20.954

■ 86, 20.414, 20.953

Harmonies

Complementary

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



76, 26.676, 197.454



59, 35.879, 23.569

Rectangle

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



76, 26.676, 197.454



76, 26.676, 247.454



76, 26.676, 17.454



76, 26.676, 67.454

Sweetspot

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



76, 26.676, 197.452



98, 11.202, 198.754



74, 54.269, 140.886



52, 7.789, 198.633



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, 26.676, 197.452



93, 36.970, 197.147



64, 25.764, 260.814



41, 4.034, 198.975



61, 35.890, 196.380



12, 12.984, 196.381

Inverse Universe

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



59, 35.879, 23.569



68, 53.508, 25.246



68, 29.406, 68.523



39, 4.279, 19.919



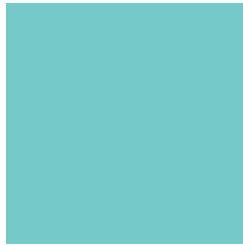
34, 74.643, 39.775



3, 15.885, 19.403

Previews

White Background



This preview shows how the CIELCh color 76, 26.676, 197.454 looks on a white background.

Color Contrast Check

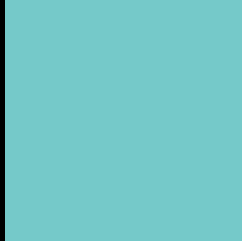
Large Text (above 18pt) WCAG AA × Fail

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, 26.676, 197.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

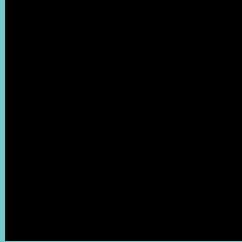
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

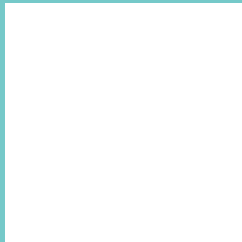
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 26.676, 197.454

Background



This preview shows how black text looks on a background with the CIELCh color 76, 26.676, 197.454.

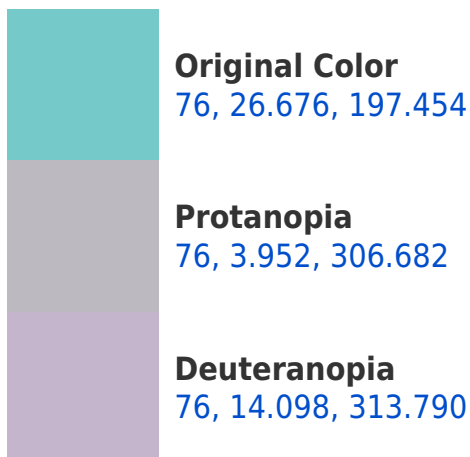


This preview shows how white text looks on a background with the CIELCh color 76, 26.676, 197.454.

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, 25.220, 217.943

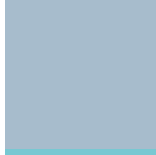
Trichromacy



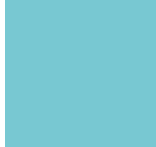
Original Color
76, 26.676, 197.454



Protanomaly
75, 10.362, 210.757



Deuteranomaly
75, 11.131, 250.149

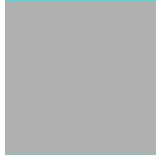


Tritanomaly
76, 25.337, 210.041

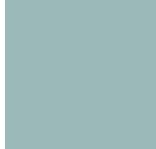
Monochromacy



Original Color
76, 26.676, 197.454



Achromatopsia
72, 0.009, 296.813



Achromatomaly
73, 10.677, 198.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 26.676, 197.454 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(117, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(117, 201, 201)  
}
```

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(117, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 201, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 26.676, 197.454 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(117, 201, 201) }
```

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

```
.border{ border-color:rgb(117, 201, 201) }
```

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

Here you see how a box with a 4 pixel rgb(117, 201, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(117, 201,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 26.676, 197.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 201, 201) }
```

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

```
.background{ background-color: rgb(117,  
201, 201) }
```

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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