

Converting Colors

CIELCh(76, 25.268, 197.559)

Have a look what the booklet for
CIELCh(76, 25.268, 197.559)
contains.

CIELCh(76, 25.384, 197.548)	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, 25.384, 197.548)

Conversions

Conversions Part 1

Format	Color
Hex	7AC9C9
RGB	122, 201, 201
RGB Percent	48%, 79%, 79%
CMY	0.5232, 0.2134, 0.2134
CMYK	0.39, 0.00, 0.00, 0.21
HSL	180°, 42%, 63%
HSV	180°, 39%, 79%
XYZ	39.2535, 49.8872, 62.5668
YIQ	177.3790, -47.0840, -16.7480

Conversions

Conversions Part 2

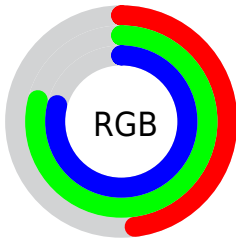
Format	Color
RYB	122, 162, 201
Decimal	8047049
CIELab	76.00, -24.20, -7.65
CIELCh	76, 25.384, 197.548
Yxy	49.8872, 0.2587, 0.3288
Android (android.graphics.Color)	4286237129 (0xFF7AC9C9)
YUV	177.3790, 11.6452, -48.5674
Hunter-Lab	70.6309, -24.4016, -3.0791

Details

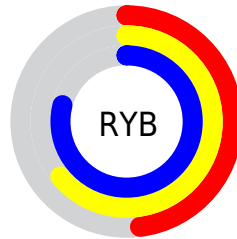
The CIELCh color **76, 25.384, 197.548** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **60, 33.498, 23.190**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.551, 197.904**, and **56, 25.568, 197.058** is the 20% darker color. If you saturate the color by 10%, you get **75, 30.270, 197.194**, and if you desaturate by 10%, it is **77, 19.756, 197.959**.

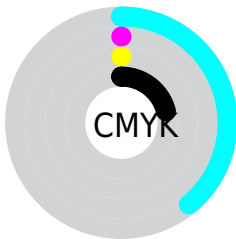
Distribution



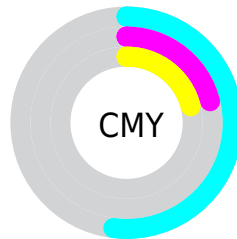
- Red (48%)
- Green (79%)
- Blue (79%)



- Red (48%)
- Yellow (64%)
- Blue (79%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)





- Cyan (52%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 25.384, 197.548 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, 25.384, 197.548 by changing the saturation by 10% instead.


 76, 25.384,
197.548

 76, 25.384,
197.548


 100, 25.384,
197.548


 66, 25.384,
197.548


 96, 25.384,
197.548

 56, 25.384,
197.548

 46, 25.384,
197.548

 36, 25.384,
197.548

 26, 25.384,
197.548

 16, 25.384,
197.548

 6, 25.384, 197.548

0, 25.384, 197.548

76, 25.384,
197.548

76, 25.384,
197.548

75, 30.270,
197.194

77, 19.756,
197.959

75, 34.321,
196.907

78, 13.496,
198.432

74, 37.478,
196.687

79, 6.721, 198.979

74, 39.727,
196.531

81, 0.454, 18.222

74, 41.108,
196.436

83, 7.924, 19.945

73, 41.792,
196.390

84, 15.599, 20.577

86, 20.665, 20.983

■ 73, 41.828,
196.387

■ 86, 20.665, 20.983

■ 86, 20.665, 20.983

Harmonies

Complementary

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



76, 25.384, 197.548



60, 33.498, 23.190

Rectangle

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



76, 25.384, 197.548



76, 25.384, 247.548



76, 25.384, 17.548



76, 25.384, 67.548

Sweetspot

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



76, 25.384, 197.545



98, 10.369, 198.815



74, 51.452, 141.480



52, 6.853, 198.741



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, 25.384, 197.545



93, 35.330, 197.250



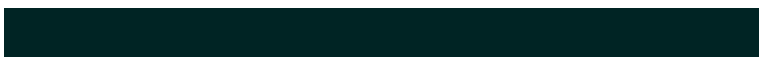
65, 24.747, 262.138



41, 4.034, 198.979



61, 35.888, 196.387



12, 12.984, 196.387

Inverse Universe

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



62, 51.357, 326.536



73, 73.492, 326.928



69, 27.675, 70.525



39, 7.382, 324.932



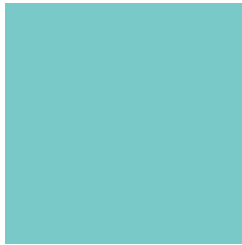
39, 82.760, 328.233



4, 26.742, 327.026

Previews

White Background



This preview shows how the CIELCh color 76, 25.384, 197.548 looks on a white background.

Color Contrast Check

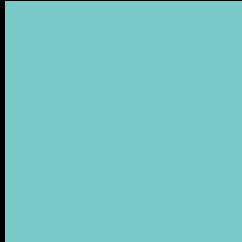
Large Text (above 18pt) WCAG AA × Fail

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, 25.384, 197.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

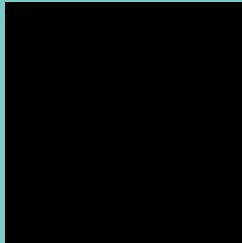
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

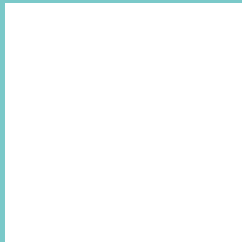
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 25.384, 197.548

Background



This preview shows how black text looks on a background with the CIELCh color 76, 25.384, 197.548.

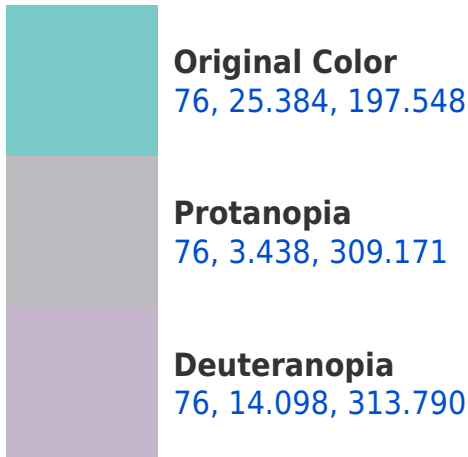


This preview shows how white text looks on a background with the CIELCh color 76, 25.384, 197.548.

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, 24.031, 219.076

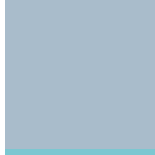
Trichromacy



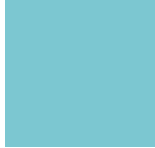
Original Color
76, 25.384, 197.548



Protanomaly
75, 9.637, 208.435



Deuteranomaly
75, 10.313, 250.997

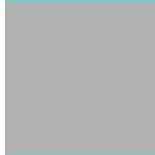


Tritanomaly
76, 24.087, 210.782

Monochromacy



Original Color
76, 25.384, 197.548



Achromatopsia
72, 0.009, 296.813



Achromatomaly
73, 10.329, 198.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 25.384, 197.548 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(122, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(122, 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(122, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 201, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 25.384, 197.548 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(122, 201, 201) }
```

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

```
.border{ border-color:rgb(122, 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(122, 201, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(122, 201,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 25.384, 197.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 201, 201) }
```

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

```
.background{ background-color: rgb(122,  
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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