

Converting Colors

CIELCh(76, 27.050, 205.535)

Have a look what the booklet for
CIELCh(76, 27.050, 205.535)
contains.

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Color

CIELCh(76, 27.034, 205.588)

Conversions

Conversions Part 1

Format	Color
Hex	72C9D0
RGB	114, 201, 208
RGB Percent	45%, 79%, 82%
CMY	0.5530, 0.2119, 0.1844
CMYK	0.45, 0.03, 0.00, 0.18
HSL	184°, 50%, 63%
HSV	184°, 45%, 82%
XYZ	39.1967, 49.8872, 67.2184
YIQ	175.7850, -54.0990, -16.2670

Conversions

Conversions Part 2

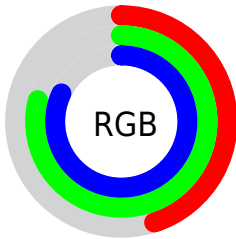
Format	Color
RYB	114, 159, 208
Decimal	7522768
CIELab	76.00, -24.38, -11.68
CIElCh	76, 27.034, 205.588
Yxy	49.8872, 0.2508, 0.3192
Android (android.graphics.Color)	4285712848 (0xFF72C9D0)
YUV	175.7850, 15.8820, -54.1854
Hunter-Lab	70.6309, -24.5453, -6.9838

Details

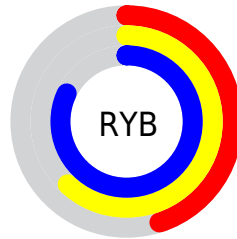
The CIELCh color **76, 27.034, 205.588** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **60, 37.978, 29.310**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.483, 197.785**, and **56, 27.153, 205.591** is the 20% darker color. If you saturate the color by 10%, you get **75, 31.197, 205.806**, and if you desaturate by 10%, it is **77, 22.084, 205.518**.

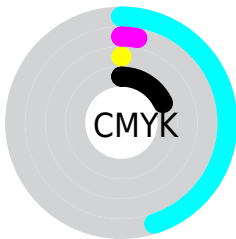
Distribution



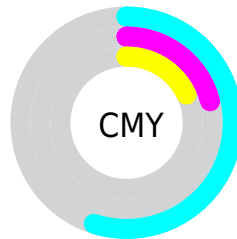
- Red (45%)
- Green (79%)
- Blue (82%)



- Red (45%)
- Yellow (62%)
- Blue (82%)



- Cyan (45%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)




- Cyan (55%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 27.034, 205.588 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, 27.034, 205.588 by changing the saturation by 10% instead.


 76, 27.034,
205.588

 76, 27.034,
205.588


 100, 27.034,
205.588


 66, 27.034,
205.588


 96, 27.034,
205.588

 56, 27.034,
205.588

 46, 27.034,
205.588

 36, 27.034,
205.588

 26, 27.034,
205.588

 16, 27.034,
205.588

 6, 27.034, 205.588

0, 27.034, 205.588

76, 27.034,
205.588

76, 27.034,
205.588

75, 31.197,
205.806

77, 22.084,
205.518

74, 34.491,
206.204

79, 16.454,
205.579

73, 36.871,
206.808

81, 10.255,
205.755

72, 38.344,
207.642

82, 3.602, 206.096

84, 3.402, 26.072

71, 38.987,
208.725

87, 10.667, 26.539

71, 39.123,
209.304

88, 16.367, 27.502

■ 89, 15.919, 30.538

■ 89, 15.521, 33.740

Harmonies

Complementary

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



76, 27.034, 205.588



60, 37.978, 29.310

Rectangle

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



76, 27.034, 205.588



76, 27.034, 255.588



76, 27.034, 25.588



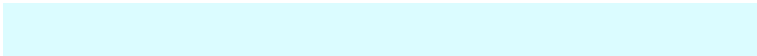
76, 27.034, 75.588

Sweetspot

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



76, 27.034, 205.586



97, 11.181, 205.780



76, 57.771, 142.631



51, 7.669, 205.729



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, 27.034, 205.586



90, 36.135, 205.789



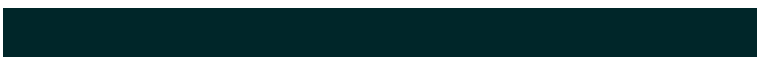
63, 31.623, 270.519



43, 3.909, 205.917



59, 33.459, 209.094



13, 12.990, 206.421

Inverse Universe

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



61, 57.251, 329.064



70, 78.987, 329.560



71, 34.111, 76.297



41, 7.312, 327.021



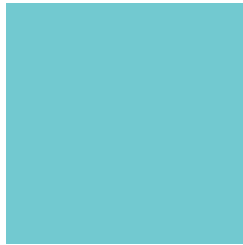
39, 79.889, 331.412



5, 29.394, 330.373

Previews

White Background



This preview shows how the CIELCh color 76, 27.034, 205.588 looks on a white background.

Color Contrast Check

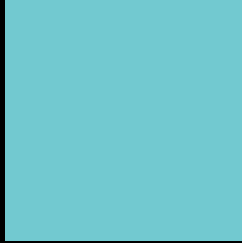
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 27.034, 205.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

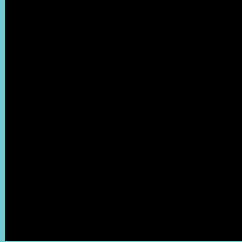
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

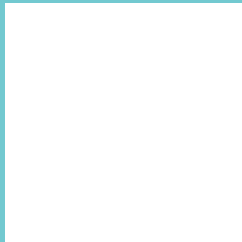
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 27.034, 205.588

Background



This preview shows how black text looks on a background with the CIELCh color 76, 27.034, 205.588.

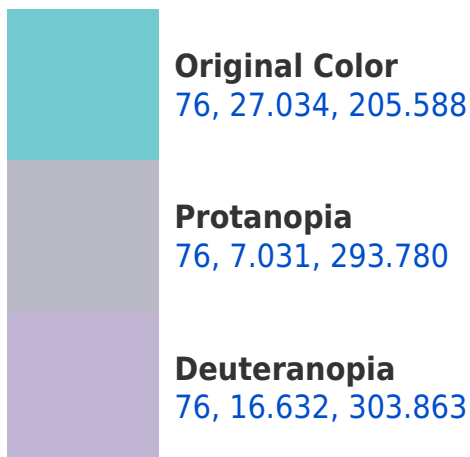


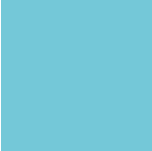
This preview shows how white text looks on a background with the CIELCh color 76, 27.034, 205.588.

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

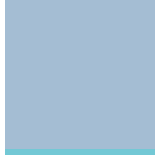
Trichromacy



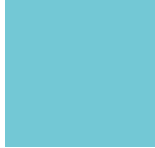
Original Color
76, 27.034, 205.588



Protanomaly
75, 12.057, 228.331



Deuteranomaly
75, 14.358, 255.066

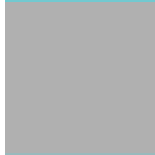


Tritanomaly
76, 26.641, 212.998

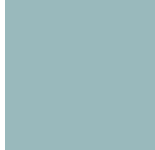
Monochromacy



Original Color
76, 27.034, 205.588



Achromatopsia
72, 0.009, 296.813



Achromatomaly
73, 11.341, 206.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 27.034, 205.588 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(114, 201, 208)` looks like.

```
.text, #text, p{  
    color:rgb(114, 201, 208)  
}
```

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(114, 201, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 201, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 27.034, 205.588 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(114, 201, 208) }
```

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

```
.border{ border-color:rgb(114, 201, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 201, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 201, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 201, 208); box-shadow:4px 4px 4px 4px rgb(114, 201, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 27.034, 205.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 201, 208) }
```

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

```
.background{ background-color: rgb(114,  
201, 208) }
```

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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