

Converting Colors

CIELCh(76, 32.136, 210.277)

Have a look what the booklet for
CIELCh(76, 32.136, 210.277)
contains.

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Color

CIELCh(76, 32.123, 209.953)

Conversions

Conversions Part 1

Format	Color
Hex	5CCBD8
RGB	92, 203, 216
RGB Percent	36%, 80%, 85%
CMY	0.6396, 0.2043, 0.1533
CMYK	0.57, 0.06, 0.00, 0.15
HSL	186°, 61%, 60%
HSV	186°, 57%, 85%
XYZ	38.1167, 49.8872, 72.5180
YIQ	171.2930, -70.3290, -19.4890

Conversions

Conversions Part 2

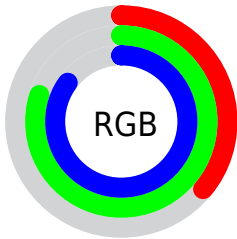
Format	Color
R _Y B	92, 151, 216
Decimal	6081496
CIE Lab	76.00, -27.83, -16.04
CIE LCh	76, 32.123, 209.953
Yxy	49.8872, 0.2375, 0.3108
Android (android.graphics.Color)	4284271576 (0xFF5CCBD8)
YUV	171.2930, 22.0406, -69.5400
Hunter-Lab	70.6309, -27.2746, -11.4324

Details

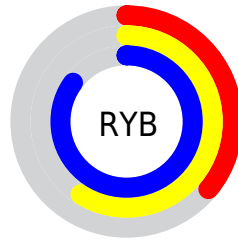
The CIELCh color **76, 32.123, 209.953** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **57, 50.780, 33.266**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.401, 197.485**, and **56, 32.225, 209.138** is the 20% darker color. If you saturate the color by 10%, you get **75, 35.217, 210.725**, and if you desaturate by 10%, it is **77, 28.138, 209.423**.

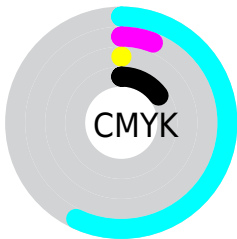
Distribution



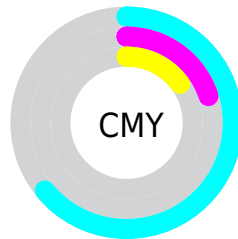
- Red (36%)
- Green (80%)
- Blue (85%)



- Red (36%)
- Yellow (59%)
- Blue (85%)



- Cyan (57%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)





- Cyan (64%)
- Magenta (20%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 32.123, 209.953 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, 32.123, 209.953 by changing the saturation by 10% instead.


 76, 32.123,
209.953


 76, 32.123,
209.953


 100, 32.123,
209.953


 66, 32.123,
209.953


 96, 32.123,
209.953

 56, 32.123,
209.953

 46, 32.123,
209.953

 36, 32.123,
209.953

 26, 32.123,
209.953

 16, 32.123,
209.953

 6, 32.123, 209.953

0, 32.123, 209.953

76, 32.123,
209.953

76, 32.123,
209.953

75, 35.217,
210.725

77, 28.138,
209.423

74, 37.384,
211.786

79, 23.340,
209.099

73, 38.649,
213.174

81, 17.833,
208.947

72, 39.127,
214.911

83, 11.730,
208.939

72, 39.196,
215.384

85, 5.146, 209.086

87, 1.815, 28.815

89, 9.058, 29.308

■ 91, 12.898, 31.974

■ 91, 12.389, 37.934

Harmonies

Complementary

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



76, 32.123, 209.953



57, 50.780, 33.266

Rectangle

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



76, 32.123, 209.953



76, 32.123, 259.953



76, 32.123, 29.953



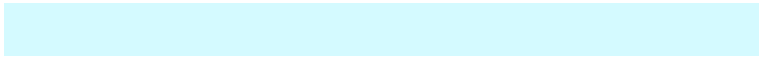
76, 32.123, 79.953

Sweetspot

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



76, 32.123, 209.951



96, 13.101, 208.941



77, 72.402, 142.080



51, 8.707, 208.930



0, 0.000, 0.000



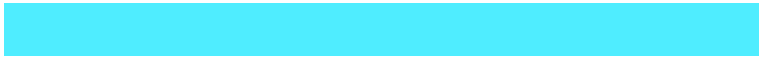
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 32.123, 209.951



87, 40.566, 210.934



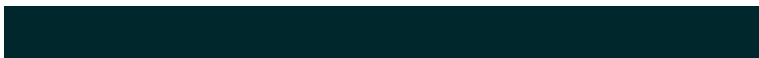
58, 43.457, 277.046



44, 3.882, 209.039



58, 32.960, 215.043



13, 13.126, 211.262

Inverse Universe

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



59, 71.283, 330.758



64, 93.168, 331.415



71, 46.104, 77.600



42, 7.303, 327.939



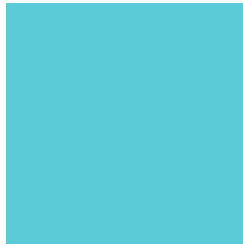
39, 78.887, 332.870



6, 30.523, 331.762

Previews

White Background



This preview shows how the CIELCh color 76, 32.123, 209.953 looks on a white background.

Color Contrast Check

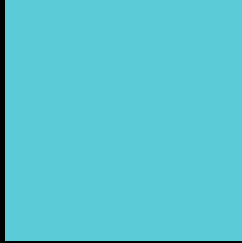
Large Text (above 18pt) WCAG AA × Fail

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, 32.123, 209.953 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, 32.123, 209.953

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.123, 209.953.

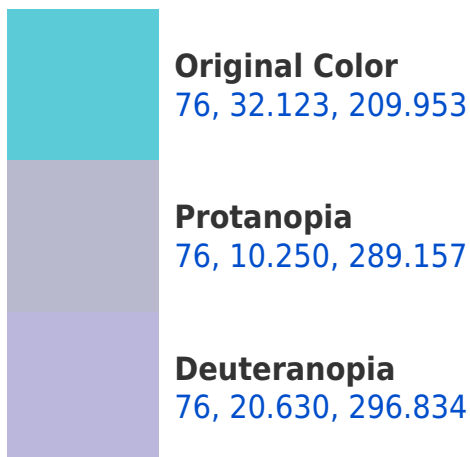


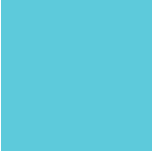
This preview shows how white text looks on a background with the CIELCh color 76, 32.123, 209.953.

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, 31.822, 214.225

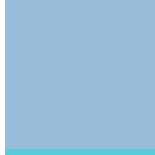
Trichromacy



Original Color
76, 32.123, 209.953



Protanomaly
75, 15.932, 231.544



Deuteranomaly
75, 19.559, 252.345

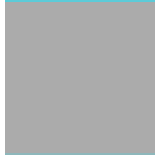


Tritanomaly
76, 31.784, 213.207

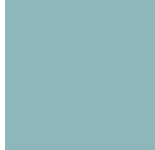
Monochromacy



Original Color
76, 32.123, 209.953



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 14.294, 207.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 32.123, 209.953 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(92, 203, 216)` looks like.

```
.text, #text, p{  
    color:rgb(92, 203, 216)  
}
```

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(92, 203, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 203, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.123, 209.953 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(92, 203, 216) }
```

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

```
.border{ border-color:rgb(92, 203, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 203, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 203, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 203, 216);  
box-shadow:4px 4px 4px 4px rgb(92, 203,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.123, 209.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 203, 216) }
```

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

```
.background{ background-color: rgb(92, 203,  
216) }
```

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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