

Converting Colors

CIELCh(76, 32.149, 212.999)

Have a look what the booklet for
CIELCh(76, 32.149, 212.999)
contains.

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Color

CIELCh(76, 32.173, 212.977)

Conversions

Conversions Part 1

Format	Color
Hex	5CCBDB
RGB	92, 203, 219
RGB Percent	36%, 80%, 86%
CMY	0.6408, 0.2054, 0.1426
CMYK	0.58, 0.07, 0.00, 0.14
HSL	188°, 64%, 61%
HSV	188°, 58%, 86%
XYZ	38.3788, 49.8872, 74.3685
YIQ	171.6350, -71.2920, -18.5560

Conversions

Conversions Part 2

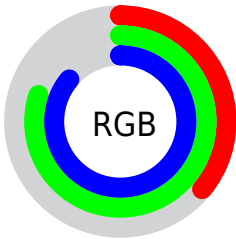
Format	Color
RYB	92, 151, 219
Decimal	6081499
CIELab	76.00, -26.99, -17.51
CIELCh	76, 32.173, 212.977
Yxy	49.8872, 0.2360, 0.3067
Android (android.graphics.Color)	4284271579 (0xFF5CCBDB)
YUV	171.6350, 23.3509, -69.8399
Hunter-Lab	70.6309, -26.6124, -12.9858

Details

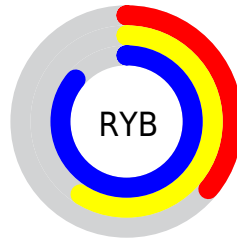
The CIELCh color **76, 32.173, 212.977** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **58, 51.292, 34.828**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.155, 197.500**, and **56, 32.241, 212.376** is the 20% darker color. If you saturate the color by 10%, you get **75, 35.202, 214.014**, and if you desaturate by 10%, it is **78, 28.258, 212.230**.

Distribution



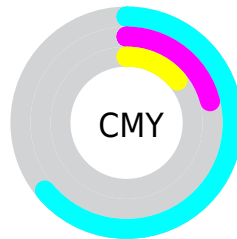
- Red (36%)
- Green (80%)
- Blue (86%)



- Red (36%)
- Yellow (59%)
- Blue (86%)



- Cyan (58%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)





- Cyan (64%)
- Magenta (21%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 32.173, 212.977 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, 32.173, 212.977 by changing the saturation by 10% instead.

 76, 32.173,
212.977


 76, 32.173,
212.977


 100, 32.173,
212.977


 66, 32.173,
212.977


 96, 32.173,
212.977

 56, 32.173,
212.977

 46, 32.173,
212.977

 36, 32.173,
212.977

 26, 32.173,
212.977

 16, 32.173,
212.977

 6, 32.173, 212.977

0, 32.173, 212.977

76, 32.173,
212.977

76, 32.173,
212.977

75, 35.202,
214.014

78, 28.258,
212.230

73, 37.314,
215.399

79, 23.534,
211.728

72, 38.542,
217.181

81, 18.102,
211.426

71, 39.022,
219.380

83, 12.074,
211.291

71, 39.083,
219.816

85, 5.562, 211.323

88, 1.328, 30.842

90, 8.506, 31.367

■ 92, 11.642, 35.519

■ 92, 11.161, 43.793

Harmonies

Complementary

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



76, 32.173, 212.977



58, 51.292, 34.828

Rectangle

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



76, 32.173, 212.977



76, 32.173, 262.977



76, 32.173, 32.977



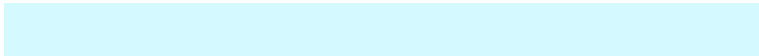
76, 32.173, 82.977

Sweetspot

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



76, 32.172, 212.975



96, 12.881, 211.286



78, 73.056, 142.454



51, 8.561, 211.298



0, 0.000, 0.000



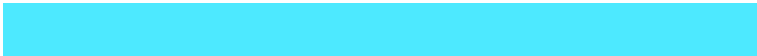
53, 0.007, 296.813

Same Dimension

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



76, 32.172, 212.975



85, 40.229, 214.325



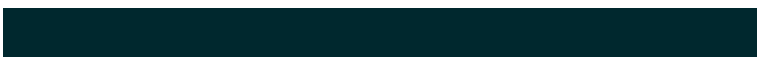
58, 45.519, 278.678



45, 3.891, 211.305



57, 32.906, 219.402



14, 13.388, 214.951

Inverse Universe

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



59, 71.661, 331.562



64, 92.686, 332.294



73, 47.520, 78.986



43, 7.337, 328.601



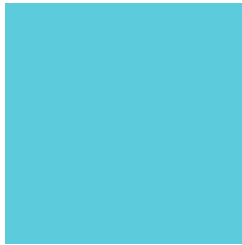
40, 78.454, 333.944



7, 31.636, 332.778

Previews

White Background



This preview shows how the CIELCh color 76, 32.173, 212.977 looks on a white background.

Color Contrast Check

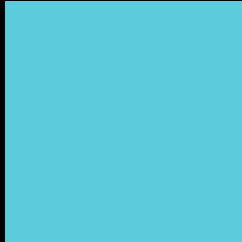
Large Text (above 18pt) WCAG AA × Fail

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, 32.173, 212.977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

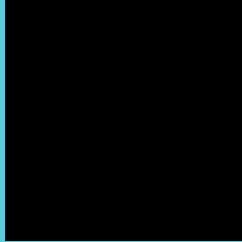
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 32.173, 212.977

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.173, 212.977.

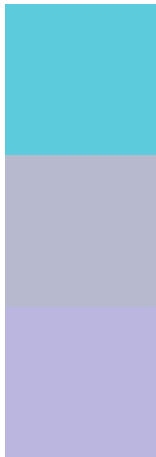


This preview shows how white text looks on a background with the CIELCh color 76, 32.173, 212.977.

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](#).

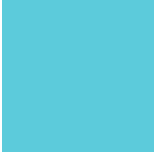
Dichromacy



Original Color
76, 32.173, 212.977

Protanopia
76, 11.876, 287.893

Deuteranopia
76, 22.213, 295.725

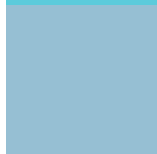


Tritanopia
76, 32.173, 212.977

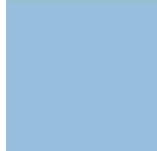
Trichromacy



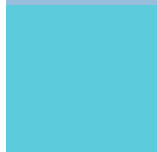
Original Color
76, 32.173, 212.977



Protanomaly
75, 17.023, 238.216



Deuteranomaly
75, 20.363, 254.492

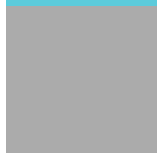


Tritanomaly
76, 32.173, 212.977

Monochromacy



Original Color
76, 32.173, 212.977



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 14.333, 209.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 32.173, 212.977 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(92, 203, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 203, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.173, 212.977 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, 219) }
```

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

```
.border{ border-color:rgb(92, 203, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(92, 203,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.173, 212.977 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, 219) }
```

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

```
.background{ background-color: rgb(92, 203,  
219) }
```

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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