

Converting Colors

CIELCh(76, 32.220, 213.729)

Have a look what the booklet for
CIELCh(76, 32.220, 213.729)
contains.

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Color

CIELCh(76, 32.354, 212.876)

Conversions

Conversions Part 1

Format	Color
Hex	5BCBDB
RGB	91, 203, 219
RGB Percent	36%, 80%, 86%
CMY	0.6444, 0.2050, 0.1423
CMYK	0.59, 0.07, 0.00, 0.14
HSL	187°, 64%, 61%
HSV	187°, 59%, 86%
XYZ	38.3218, 49.8872, 74.4326
YIQ	171.3360, -71.8880, -18.7680

Conversions

Conversions Part 2

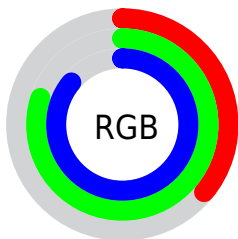
Format	Color
RYB	91, 151, 219
Decimal	6015963
CIELab	76.00, -27.17, -17.56
CIELCh	76, 32.354, 212.876
Yxy	49.8872, 0.2356, 0.3067
Android (android.graphics.Color)	4284206043 (0xFF5BCBDB)
YUV	171.3360, 23.4984, -70.4547
Hunter-Lab	70.6309, -26.7563, -13.0397

Details

The CIELCh color **76, 32.354, 212.876** 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, 51.796, 34.822**, 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, 32.320, 212.331** is the 20% darker color. If you saturate the color by 10%, you get **75, 35.345, 213.915**, and if you desaturate by 10%, it is **78, 28.473, 212.127**.

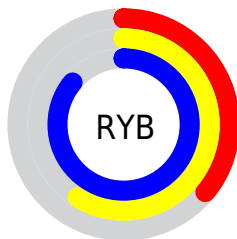
Distribution



Red (36%)

Green (80%)

Blue (86%)



Red (36%)

Yellow (59%)

Blue (86%)

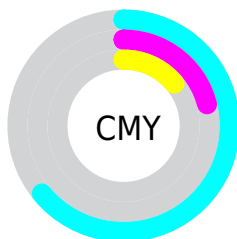


Cyan (59%)

Magenta (7%)

Yellow (0%)

Black (14%)



Cyan (64%)


Magenta (21%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 32.354, 212.876 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, 32.354, 212.876 by changing the saturation by 10% instead.


 76, 32.354,
212.876


 76, 32.354,
212.876


 100, 32.354,
212.876


 66, 32.354,
212.876


 96, 32.354,
212.876

 56, 32.354,
212.876

 46, 32.354,
212.876

 36, 32.354,
212.876

 26, 32.354,
212.876

 16, 32.354,
212.876

 6, 32.354, 212.876

0, 32.354, 212.876

76, 32.354,
212.876

76, 32.354,
212.876

75, 35.345,
213.915

78, 28.473,
212.127

73, 37.419,
215.302

79, 23.777,
211.623

72, 38.609,
217.086

81, 18.368,
211.319

71, 39.066,
219.277

83, 12.357,
211.183

71, 39.112,
219.611

85, 5.857, 211.211

88, 1.026, 30.604

90, 8.201, 31.259

■ 92, 11.644, 35.097

■ 92, 11.154, 43.294

Harmonies

Complementary

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



76, 32.354, 212.876



58, 51.796, 34.822

Rectangle

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



76, 32.354, 212.876



76, 32.354, 262.876



76, 32.354, 32.876



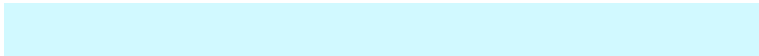
76, 32.354, 82.876

Sweetspot

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



76, 32.353, 212.874



95, 13.606, 211.181



78, 73.548, 142.397



50, 9.365, 211.203



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, 32.353, 212.874



85, 40.254, 214.172



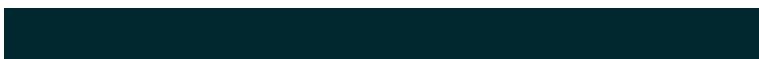
58, 45.883, 278.810



45, 3.894, 211.199



57, 32.921, 219.200



14, 13.396, 214.790

Inverse Universe

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



59, 72.157, 331.552



64, 92.747, 332.256



72, 47.898, 78.921



43, 7.342, 328.570



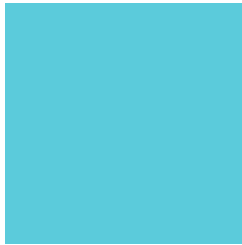
40, 78.513, 333.894



7, 31.657, 332.738

Previews

White Background



This preview shows how the CIELCh color 76, 32.354, 212.876 looks on a white background.

Color Contrast Check

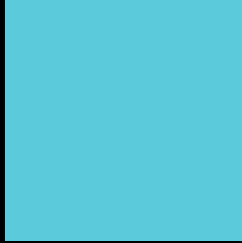
Large Text (above 18pt) WCAG AA × Fail

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, 32.354, 212.876 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, 32.354, 212.876

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.354, 212.876.



This preview shows how white text looks on a background with the CIELCh color 76, 32.354, 212.876.

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, 32.354, 212.876

Protanopia

76, 11.876, 287.893

Deuteranopia

76, 22.213, 295.725



Tritanopia
76, 32.354, 212.876

Trichromacy



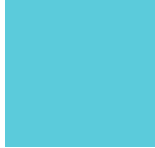
Original Color
76, 32.354, 212.876



Protanomaly
75, 17.258, 237.561



Deuteranomaly
75, 20.533, 253.798

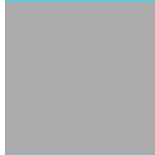


Tritanomaly
76, 32.354, 212.876

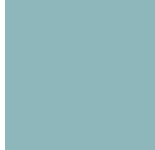
Monochromacy



Original Color
76, 32.354, 212.876



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, 32.354, 212.876 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(91, 203, 219)` looks like.

```
.text, #text, p{  
    color:rgb(91, 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(91, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 203, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.354, 212.876 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(91, 203, 219) }
```

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

```
.border{ border-color:rgb(91, 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(91, 203, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(91, 203,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.354, 212.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 203, 219) }
```

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

```
.background{ background-color: rgb(91, 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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