

Converting Colors

CIELCh(76, 32.537, 218.619)

Have a look what the booklet for
CIELCh(76, 32.537, 218.619)
contains.

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Color

CIELCh(76, 32.491, 218.999)

Conversions

Conversions Part 1

Format	Color
Hex	5BCAE0
RGB	91, 202, 224
RGB Percent	36%, 79%, 88%
CMY	0.6428, 0.2076, 0.1213
CMYK	0.59, 0.10, 0.00, 0.12
HSL	190°, 68%, 62%
HSV	190°, 59%, 88%
XYZ	38.9231, 49.8872, 78.1485
YIQ	171.3190, -73.2180, -16.6900

Conversions

Conversions Part 2

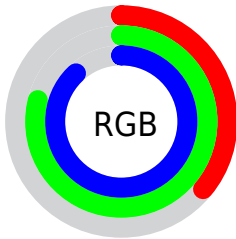
Format	Color
RYB	91, 152, 224
Decimal	6015712
CIELab	76.00, -25.25, -20.45
CIElCh	76, 32.491, 218.999
Yxy	49.8872, 0.2331, 0.2988
Android (android.graphics.Color)	4284205792 (0xFF5BCAE0)
YUV	171.3190, 25.9717, -70.4398
Hunter-Lab	70.6309, -25.2368, -16.1589

Details

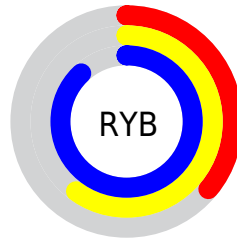
The CIELCh color **76, 32.491, 218.999** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **60, 52.349, 37.838**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.401, 197.485**, and **56, 32.316, 219.008** is the 20% darker color. If you saturate the color by 10%, you get **74, 35.467, 220.571**, and if you desaturate by 10%, it is **78, 28.650, 217.813**.

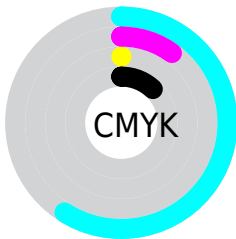
Distribution



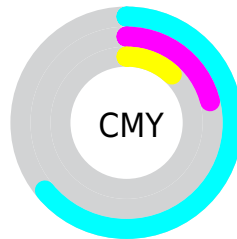
- Red (36%)
- Green (79%)
- Blue (88%)



- Red (36%)
- Yellow (60%)
- Blue (88%)



- Cyan (59%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)





- Cyan (64%)
- Magenta (21%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 32.491, 218.999 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, 32.491, 218.999 by changing the saturation by 10% instead.


 76, 32.491,
218.999


 76, 32.491,
218.999


 100, 32.491,
218.999


 66, 32.491,
218.999


 96, 32.491,
218.999

 56, 32.491,
218.999

 46, 32.491,
218.999

 36, 32.491,
218.999

 26, 32.491,
218.999

 16, 32.491,
218.999

 6, 32.491, 218.999

0, 32.491, 218.999

76, 32.491,
218.999

76, 32.491,
218.999

74, 35.467,
220.571

78, 28.650,
217.813

73, 37.563,
222.607

80, 24.014,
216.948

71, 38.829,
225.172

82, 18.678,
216.343

70, 39.455,
228.255

84, 12.750,
215.951

70, 39.491,
228.461

87, 6.341, 215.753

89, 0.451, 34.210

92, 7.533, 35.439

■ 94, 9.386, 44.555

■ 94, 9.228, 58.735

Harmonies

Complementary

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



76, 32.491, 218.999



60, 52.349, 37.838

Rectangle

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



76, 32.491, 218.999



76, 32.491, 268.999



76, 32.491, 38.999



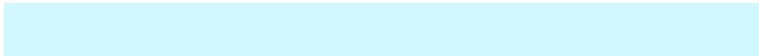
76, 32.491, 88.999

Sweetspot

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



76, 32.490, 218.998



95, 13.224, 215.917



80, 74.174, 143.239



50, 9.104, 216.005



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, 32.490, 218.998



83, 39.689, 220.970



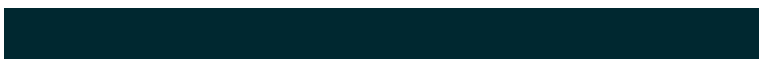
58, 49.839, 281.727



46, 3.855, 215.754



56, 32.961, 227.882



14, 13.595, 222.091

Inverse Universe

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



60, 72.382, 333.159



63, 91.028, 333.999



75, 50.403, 81.692



44, 7.273, 329.895



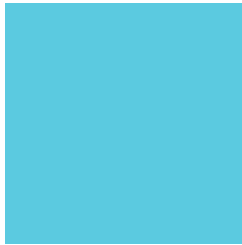
40, 76.929, 336.091



7, 32.123, 334.600

Previews

White Background



This preview shows how the CIELCh color 76, 32.491, 218.999 looks on a white background.

Color Contrast Check

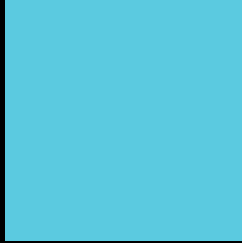
Large Text (above 18pt) WCAG AA × Fail

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, 32.491, 218.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

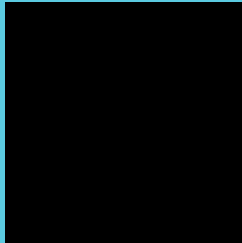
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 32.491, 218.999

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.491, 218.999.



This preview shows how white text looks on a background with the CIELCh color 76, 32.491, 218.999.

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

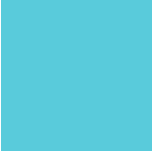
76, 32.491, 218.999

Protanopia

76, 15.136, 286.341

Deuteranopia

76, 24.853, 293.237



Tritanopia
76, 32.709, 212.680

Trichromacy



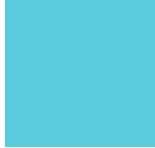
Original Color
76, 32.491, 218.999



Protanomaly
75, 19.394, 245.331



Deuteranomaly
75, 23.504, 260.245

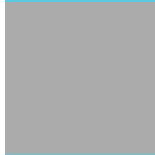


Tritanomaly
76, 32.605, 214.766

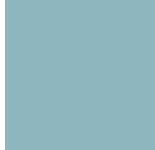
Monochromacy



Original Color
76, 32.491, 218.999



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 14.276, 216.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 32.491, 218.999 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, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(91, 202, 224)  
}
```

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, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 202, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.491, 218.999 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, 202, 224) }
```

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

```
.border{ border-color:rgb(91, 202, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(91, 202,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.491, 218.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 202, 224) }
```

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

```
.background{ background-color: rgb(91, 202,  
224) }
```

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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