

Converting Colors

CIELCh(76, 32.995, 185.145)

Have a look what the booklet for
CIELCh(76, 32.995, 185.145)
contains.

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Color

CIELCh(76, 32.798, 185.540)

Conversions

Conversions Part 1

Format	Color
Hex	66CCCC
RGB	102, 204, 192
RGB Percent	40%, 80%, 75%
CMY	0.5995, 0.1995, 0.2466
CMYK	0.50, 0.00, 0.06, 0.20
HSL	173°, 50%, 60%
HSV	173°, 50%, 80%
XYZ	36.6437, 49.8872, 57.6370
YIQ	172.1340, -56.9400, -25.3560

Conversions

Conversions Part 2

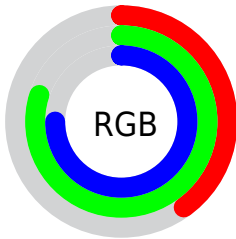
Format	Color
RYB	102, 156, 204
Decimal	6737088
CIELab	76.00, -32.64, -3.17
CIElCh	76, 32.798, 185.540
Yxy	49.8872, 0.2542, 0.3460
Android (android.graphics.Color)	4284927168 (0xFF66CCC0)
YUV	172.1340, 9.7939, -61.5075
Hunter-Lab	70.6309, -30.9973, 1.0592

Details

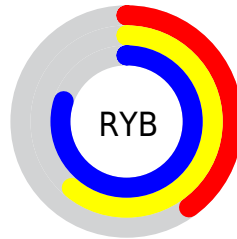
The CIELCh color **76, 32.798, 185.540** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 43.290, 16.437**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.146, 190.617**, and **56, 32.529, 186.179** is the 20% darker color. If you saturate the color by 10%, you get **75, 37.466, 184.589**, and if you desaturate by 10%, it is **77, 27.343, 186.439**.

Distribution



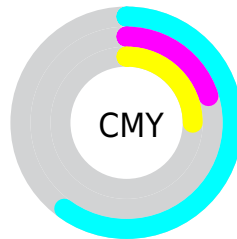
- Red (40%)
- Green (80%)
- Blue (75%)



- Red (40%)
- Yellow (61%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)





- Cyan (60%)
- Magenta (20%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 32.798, 185.540 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, 32.798, 185.540 by changing the saturation by 10% instead.


 76, 32.798,
185.540


 76, 32.798,
185.540


 100, 32.798,
185.540


 66, 32.798,
185.540


 96, 32.798,
185.540

 56, 32.798,
185.540

 46, 32.798,
185.540

 36, 32.798,
185.540

 26, 32.798,
185.540

 16, 32.798,
185.540

 6, 32.798, 185.540

0, 32.798, 185.540

76, 32.798,
185.540

76, 32.798,
185.540

75, 37.466,
184.589

77, 27.343,
186.439

75, 41.268,
183.572

78, 21.209,
187.304

74, 44.169,
182.470

79, 14.520,
188.148

74, 46.197,
181.263

81, 7.402, 188.996

74, 47.541,
179.961

82, 0.030, 351.379

84, 7.668, 10.428

74, 47.545,
179.956

86, 15.428, 11.230

■ 87, 19.314, 9.731

■ 87, 19.514, 6.110

Harmonies

Complementary

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



76, 32.798, 185.540



56, 43.290, 16.437

Rectangle

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



76, 32.798, 185.540



76, 32.798, 235.540



76, 32.798, 5.540



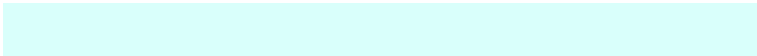
76, 32.798, 55.540

Sweetspot

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



76, 32.798, 185.538



97, 13.210, 188.549



75, 62.808, 137.530



52, 8.970, 188.369



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, 32.798, 185.538



92, 44.712, 184.509



66, 27.497, 247.834



42, 4.215, 189.046



61, 40.645, 180.170



13, 14.722, 183.219

Inverse Universe

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



56, 43.290, 16.437



63, 63.048, 19.207



64, 36.159, 55.677



40, 4.414, 10.451



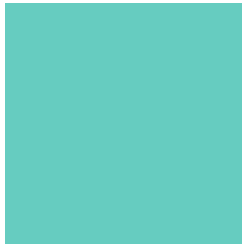
34, 70.737, 34.491



4, 18.027, 13.625

Previews

White Background



This preview shows how the CIELCh color 76, 32.798, 185.540 looks on a white background.

Color Contrast Check

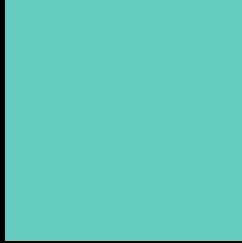
Large Text (above 18pt) WCAG AA × Fail

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, 32.798, 185.540 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

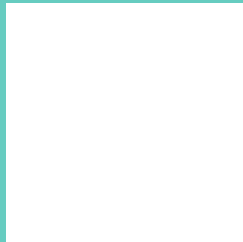
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 32.798, 185.540

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.798, 185.540.

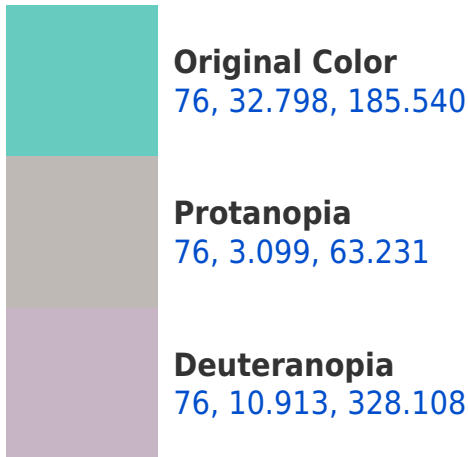


This preview shows how white text looks on a background with the CIELCh color 76, 32.798, 185.540.

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, 28.009, 216.868

Trichromacy



Original Color
76, 32.798, 185.540



Protanomaly
75, 12.490, 180.809



Deuteranomaly
75, 9.308, 219.261

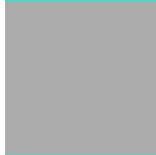


Tritanomaly
76, 28.935, 203.829

Monochromacy



Original Color
76, 32.798, 185.540



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 13.534, 186.692

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 32.798, 185.540 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(102, 204, 192)` looks like.

```
.text, #text, p{  
    color:rgb(102, 204, 192)  
}
```

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(102, 204, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 204, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.798, 185.540 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(102, 204, 192) }
```

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

```
.border{ border-color:rgb(102, 204, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 204, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 204, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 204, 192);  
box-shadow:4px 4px 4px 4px rgb(102, 204,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.798, 185.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 204, 192) }
```

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

```
.background{ background-color: rgb(102,  
204, 192) }
```

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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