

Converting Colors

CIELCh(77, 32.493, 191.641)

Have a look what the booklet for
CIELCh(77, 32.493, 191.641)
contains.

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Color

CIELCh(77, 32.640, 191.330)

Conversions

Conversions Part 1

Format	Color
Hex	65CFC9
RGB	101, 207, 201
RGB Percent	40%, 81%, 79%
CMY	0.6044, 0.1887, 0.2123
CMYK	0.51, 0.00, 0.03, 0.19
HSL	177°, 52%, 60%
HSV	177°, 51%, 81%
XYZ	38.1598, 51.5317, 63.1138
YIQ	174.6220, -61.2500, -24.3380

Conversions

Conversions Part 2

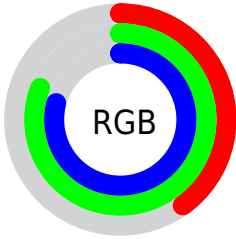
Format	Color
RYB	101, 156, 207
Decimal	6672329
CIELab	77.00, -32.00, -6.41
CIELCh	77, 32.640, 191.330
Yxy	51.5317, 0.2497, 0.3372
Android (android.graphics.Color)	4284862409 (0xFF65CFC9)
YUV	174.6220, 13.0044, -64.5665
Hunter-Lab	71.7856, -30.7377, -1.8778

Details

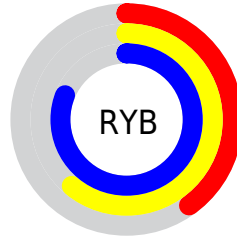
The CIELCh color **77, 32.640, 191.330** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 45.543, 21.298**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.647, 197.591**, and **57, 32.540, 191.394** is the 20% darker color. If you saturate the color by 10%, you get **76, 36.883, 190.685**, and if you desaturate by 10%, it is **78, 27.551, 191.974**.

Distribution



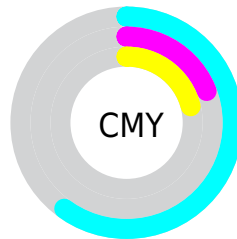
- Red (40%)
- Green (81%)
- Blue (79%)



- Red (40%)
- Yellow (61%)
- Blue (81%)



- Cyan (51%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)





- Cyan (60%)
- Magenta (19%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 32.640, 191.330 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 77, 32.640, 191.330 by changing the saturation by 10% instead.


 77, 32.640,
191.330


 77, 32.640,
191.330


 100, 32.640,
191.330


 67, 32.640,
191.330


 97, 32.640,
191.330

 57, 32.640,
191.330

 47, 32.640,
191.330

 37, 32.640,
191.330

 27, 32.640,
191.330

 17, 32.640,
191.330

 7, 32.640, 191.330

0, 32.640, 191.330

77, 32.640,
191.330

77, 32.640,
191.330

76, 36.883,
190.685

78, 27.551,
191.974

76, 40.216,
190.034

79, 21.716,
192.630

75, 42.621,
189.365

80, 15.252,
193.302

75, 44.146,
188.662

81, 8.284, 194.005

75, 44.931,
188.018

83, 0.932, 195.218

85, 6.695, 15.226

86, 14.504, 15.964

■ 87, 18.068, 15.230

■ 87, 18.097, 13.315

Harmonies

Complementary

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



77, 32.640, 191.330



56, 45.543, 21.298

Rectangle

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



77, 32.640, 191.330



77, 32.640, 241.330



77, 32.640, 11.330



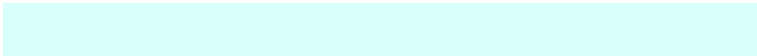
77, 32.640, 61.330

Sweetspot

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



77, 32.640, 191.328



97, 12.975, 193.722



75, 66.234, 138.891



52, 8.803, 193.573



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 32.640, 191.328



92, 43.403, 190.653



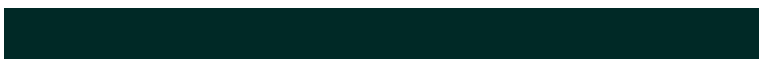
64, 30.211, 257.243



43, 4.235, 194.142



62, 38.505, 188.132



14, 14.572, 189.670

Inverse Universe

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



56, 45.543, 21.298



63, 65.419, 23.999



66, 37.522, 62.315



41, 4.466, 15.347



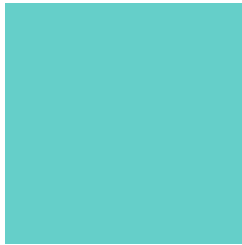
35, 74.147, 37.531



4, 20.025, 16.827

Previews

White Background



This preview shows how the CIE LCh color 77, 32.640, 191.330 looks on a white background.

Color Contrast Check

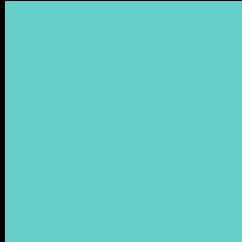
Large Text (above 18pt) WCAG AA × Fail

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 77, 32.640, 191.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

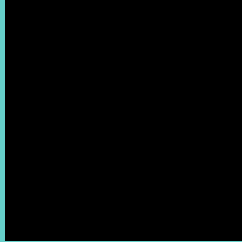
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

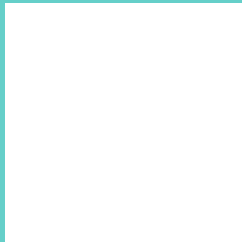
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 32.640, 191.330

Background



This preview shows how black text looks on a background with the CIELCh color 77, 32.640, 191.330.

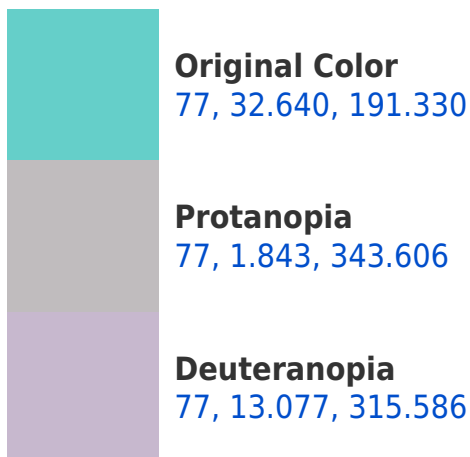


This preview shows how white text looks on a background with the CIELCh color 77, 32.640, 191.330.

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
77, 29.253, 214.758

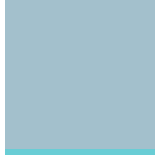
Trichromacy



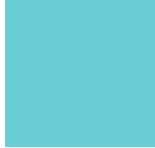
Original Color
77, 32.640, 191.330



Protanomaly
76, 12.655, 196.022



Deuteranomaly
76, 11.735, 232.353

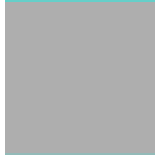


Tritanomaly
77, 30.004, 205.642

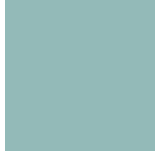
Monochromacy



Original Color
77, 32.640, 191.330



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 13.805, 193.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 32.640, 191.330 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(101, 207, 201)` looks like.

```
.text, #text, p{  
    color:rgb(101, 207, 201)  
}
```

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(101, 207, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 207, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 32.640, 191.330 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(101, 207, 201) }
```

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

```
.border{ border-color:rgb(101, 207, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 207, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(101, 207,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 32.640, 191.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 207, 201) }
```

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

```
.background{ background-color: rgb(101,  
207, 201) }
```

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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