

Converting Colors

CIELCh(77, 33.046, 194.200)

Have a look what the booklet for
CIELCh(77, 33.046, 194.200)
contains.

CIELCh(77, 33.061, 194.211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 33.061, 194.211)

Conversions

Conversions Part 1

Format	Color
Hex	61CFCC
RGB	97, 207, 204
RGB Percent	38%, 81%, 80%
CMY	0.6196, 0.1882, 0.2000
CMYK	0.53, 0.00, 0.01, 0.19
HSL	178°, 53%, 60%
HSV	178°, 53%, 81%
XYZ	38.1458, 51.5317, 65.0682
YIQ	173.7680, -64.5970, -24.2530

Conversions

Conversions Part 2

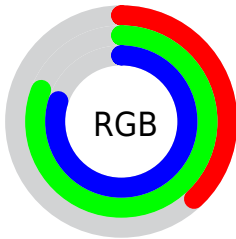
Format	Color
RYB	97, 153, 207
Decimal	6410188
CIELab	77.00, -32.05, -8.12
CIELCh	77, 33.061, 194.211
Yxy	51.5317, 0.2465, 0.3330
Android (android.graphics.Color)	4284600268 (0xFF61CFCC)
YUV	173.7680, 14.9044, -67.3255
Hunter-Lab	71.7856, -30.7727, -3.4920

Details

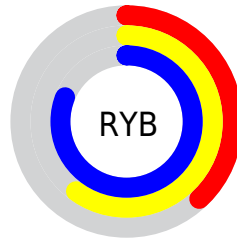
The CIELCh color **77, 33.061, 194.211** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55, 47.870, 23.862**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.407, 197.545**, and **57, 33.006, 194.454** is the 20% darker color. If you saturate the color by 10%, you get **76, 36.988, 193.754**, and if you desaturate by 10%, it is **78, 28.259, 194.698**.

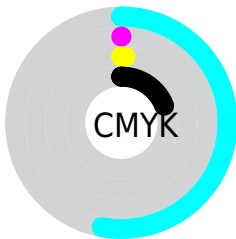
Distribution



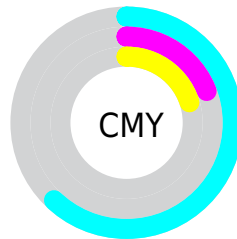
- Red (38%)
- Green (81%)
- Blue (80%)



- Red (38%)
- Yellow (60%)
- Blue (81%)



- Cyan (53%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)





- Cyan (62%)
- Magenta (19%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 33.061, 194.211 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, 33.061, 194.211 by changing the saturation by 10% instead.


 77, 33.061,
194.211


 77, 33.061,
194.211


 100, 33.061,
194.211


 67, 33.061,
194.211


 97, 33.061,
194.211

 57, 33.061,
194.211

 47, 33.061,
194.211

 37, 33.061,
194.211

 27, 33.061,
194.211

 17, 33.061,
194.211

 7, 33.061, 194.211

0, 33.061, 194.211

77, 33.061,
194.211

77, 33.061,
194.211

76, 36.988,
193.754

78, 28.259,
194.698

76, 39.988,
193.327

79, 22.670,
195.222

76, 42.062,
192.920

80, 16.406,
195.784

75, 43.273,
192.523

81, 9.590, 196.390

75, 43.753,
192.252

83, 2.342, 197.179

84, 5.226, 17.460

86, 13.016, 18.167

■ 87, 18.010, 18.249

■ 87, 18.005, 17.321

Harmonies

Complementary

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



77, 33.061, 194.211



55, 47.870, 23.862

Rectangle

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



77, 33.061, 194.211



77, 33.061, 244.211



77, 33.061, 14.211



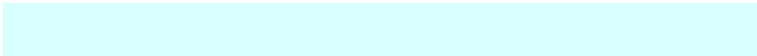
77, 33.061, 64.211

Sweetspot

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



77, 33.061, 194.209



97, 13.721, 196.198



75, 69.105, 139.379



52, 9.209, 196.071



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, 33.061, 194.209



92, 43.933, 193.682



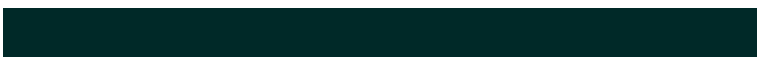
62, 32.464, 261.940



43, 4.215, 196.636



62, 37.494, 192.311



14, 14.275, 193.087

Inverse Universe

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



55, 47.870, 23.862



61, 69.752, 26.968



66, 39.255, 65.454



41, 4.459, 17.717



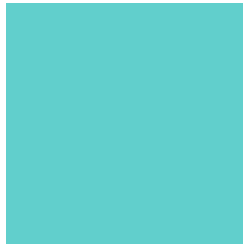
35, 75.320, 38.750



4, 20.017, 18.193

Previews

White Background



This preview shows how the CIELCh color 77, 33.061, 194.211 looks on a white background.

Color Contrast Check

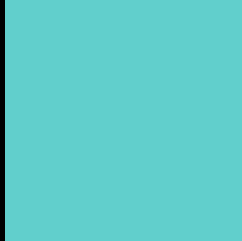
Large Text (above 18pt) WCAG AA × Fail

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, 33.061, 194.211 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

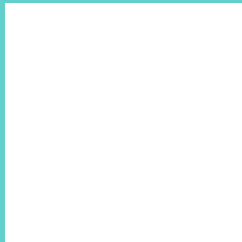
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 33.061, 194.211

Background



This preview shows how black text looks on a background with the CIELCh color 77, 33.061, 194.211.

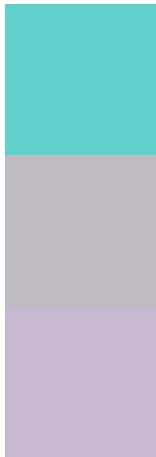


This preview shows how white text looks on a background with the CIELCh color 77, 33.061, 194.211.

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
77, 33.061, 194.211

Protanopia
77, 2.925, 312.539

Deuteranopia
77, 14.424, 311.642



Tritanopia
77, 30.330, 215.151

Trichromacy



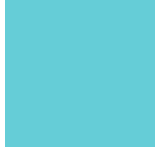
Original Color
77, 33.061, 194.211



Protanomaly
76, 13.207, 203.146



Deuteranomaly
76, 13.097, 237.057

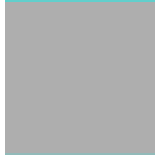


Tritanomaly
77, 30.806, 207.442

Monochromacy



Original Color
77, 33.061, 194.211



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 14.051, 196.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 33.061, 194.211 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(97, 207, 204)` looks like.

```
.text, #text, p{  
    color:rgb(97, 207, 204)  
}
```

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(97, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 207, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 33.061, 194.211 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(97, 207, 204) }
```

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

```
.border{ border-color:rgb(97, 207, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 207, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(97, 207,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 33.061, 194.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 207, 204) }
```

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

```
.background{ background-color: rgb(97, 207,  
204) }
```

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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