

Converting Colors

CIELCh(77, 33.378, 197.140)

Have a look what the booklet for
CIELCh(77, 33.378, 197.140)
contains.

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Color

CIELCh(77, 33.308, 197.033)

Conversions

Conversions Part 1

Format	Color
Hex	5ECFCF
RGB	94, 207, 207
RGB Percent	37%, 81%, 81%
CMY	0.6312, 0.1881, 0.1881
CMYK	0.55, 0.00, 0.00, 0.19
HSL	180°, 54%, 59%
HSV	180°, 55%, 81%
XYZ	38.2086, 51.5317, 66.9876
YIQ	173.2130, -67.3480, -23.9560

Conversions

Conversions Part 2

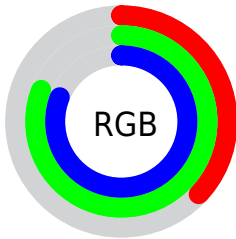
Format	Color
RYB	94, 151, 207
Decimal	6213583
CIELab	77.00, -31.85, -9.76
CIELCh	77, 33.308, 197.033
Yxy	51.5317, 0.2438, 0.3288
Android (android.graphics.Color)	4284403663 (0xFF5ECFCF)
YUV	173.2130, 16.6570, -69.4698
Hunter-Lab	71.7856, -30.6165, -5.0772

Details

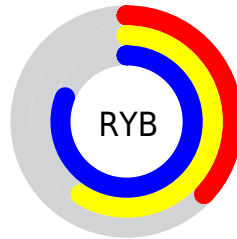
The CIELCh color **77, 33.308, 197.033** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **54, 49.834, 26.128**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.907, 197.515**, and **57, 33.238, 197.461** is the 20% darker color. If you saturate the color by 10%, you get **76, 36.982, 196.779**, and if you desaturate by 10%, it is **78, 28.738, 197.349**.

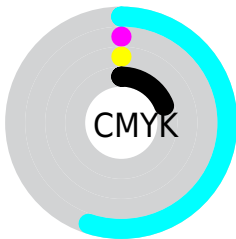
Distribution



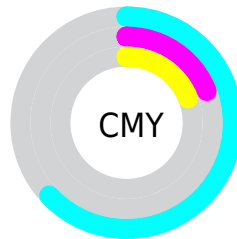
- Red (37%)
- Green (81%)
- Blue (81%)



- Red (37%)
- Yellow (59%)
- Blue (81%)



- Cyan (55%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)





- Cyan (63%)
- Magenta (19%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 33.308, 197.033 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, 33.308, 197.033 by changing the saturation by 10% instead.


 77, 33.308,
197.033


 77, 33.308,
197.033


 100, 33.308,
197.033


 67, 33.308,
197.033


 97, 33.308,
197.033

 57, 33.308,
197.033

 47, 33.308,
197.033

 37, 33.308,
197.033

 27, 33.308,
197.033

 17, 33.308,
197.033

 7, 33.308, 197.033

0, 33.308, 197.033

77, 33.308,
197.033

77, 33.308,
197.033

76, 36.982,
196.779

78, 28.738,
197.349

76, 39.722,
196.593

79, 23.352,
197.731

76, 41.543,
196.470

80, 17.254,
198.174

76, 42.523,
196.404

81, 10.564,
198.679

76, 42.831,
196.384

82, 3.403, 199.318

84, 4.117, 19.575

86, 11.894, 20.252

■ 87, 18.036, 20.737

■ 87, 18.036, 20.736

Harmonies

Complementary

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



77, 33.308, 197.033



54, 49.834, 26.128

Rectangle

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



77, 33.308, 197.033



77, 33.308, 247.033



77, 33.308, 17.033



77, 33.308, 67.033

Sweetspot

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



77, 33.308, 197.031



97, 13.668, 198.592



75, 71.081, 139.544



52, 9.170, 198.484



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, 33.308, 197.031



92, 43.718, 196.753



61, 33.986, 264.342



43, 4.203, 198.974



62, 36.713, 196.384



14, 14.039, 196.384

Inverse Universe

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



54, 49.834, 26.128



61, 71.873, 29.122



66, 40.567, 66.933



41, 4.460, 19.926



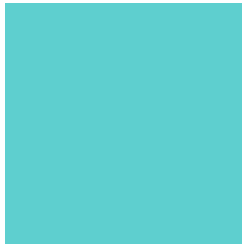
35, 76.454, 39.863



4, 20.018, 19.466

Previews

White Background



This preview shows how the CIELCh color 77, 33.308, 197.033 looks on a white background.

Color Contrast Check

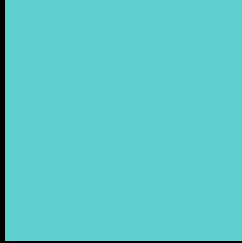
Large Text (above 18pt) WCAG AA × Fail

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, 33.308, 197.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

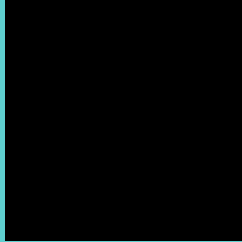
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

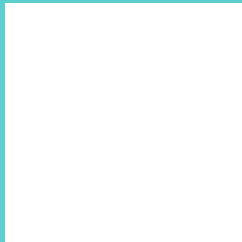
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 33.308, 197.033

Background



This preview shows how black text looks on a background with the CIELCh color 77, 33.308, 197.033.

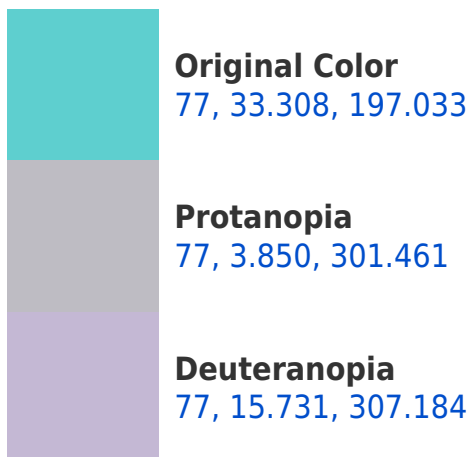


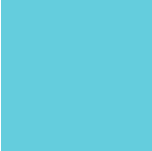
This preview shows how white text looks on a background with the CIELCh color 77, 33.308, 197.033.

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, 31.085, 213.589

Trichromacy



Original Color
77, 33.308, 197.033



Protanomaly
76, 13.879, 207.391



Deuteranomaly
76, 14.513, 240.920

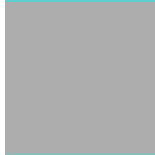


Tritanomaly
77, 31.632, 207.119

Monochromacy



Original Color
77, 33.308, 197.033



Achromatopsia
71, 0.009, 296.813



Achromatomaly
72, 14.324, 198.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 33.308, 197.033 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(94, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(94, 207, 207)  
}
```

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(94, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 207, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 33.308, 197.033 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(94, 207, 207) }
```

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

```
.border{ border-color:rgb(94, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(94, 207,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 33.308, 197.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 207, 207) }
```

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

```
.background{ background-color: rgb(94, 207,  
207) }
```

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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