

Converting Colors

CIELCh(78, 33.780, 195.167)

Have a look what the booklet for
CIELCh(78, 33.780, 195.167)
contains.

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Color

CIELCh(78, 33.798, 195.177)

Conversions

Conversions Part 1

Format	Color
Hex	60D2D0
RGB	96, 210, 208
RGB Percent	38%, 82%, 82%
CMY	0.6230, 0.1759, 0.1838
CMYK	0.54, 0.00, 0.01, 0.18
HSL	179°, 56%, 60%
HSV	179°, 54%, 82%
XYZ	39.3182, 53.2120, 67.9561
YIQ	175.6860, -67.3020, -24.7900

Conversions

Conversions Part 2

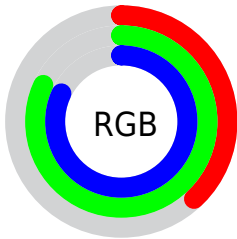
Format	Color
RYB	96, 154, 210
Decimal	6345424
CIELab	78.00, -32.62, -8.85
CIELCh	78, 33.798, 195.177
Yxy	53.2120, 0.2450, 0.3316
Android (android.graphics.Color)	4284535504 (0xFF60D2D0)
YUV	175.6860, 15.9308, -69.8846
Hunter-Lab	72.9466, -31.4450, -4.1712

Details

The CIELCh color **78, 33.798, 195.177** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55, 49.769, 24.827**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.407, 197.545**, and **58, 33.746, 195.468** is the 20% darker color. If you saturate the color by 10%, you get **77, 37.619, 194.792**, and if you desaturate by 10%, it is **79, 29.077, 195.603**.

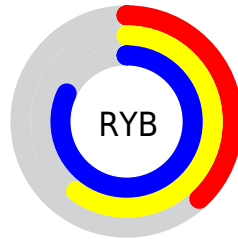
Distribution



Red (38%)

Green (82%)

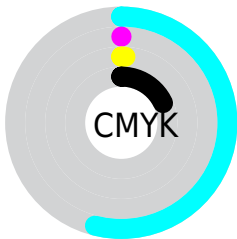
Blue (82%)



Red (38%)

Yellow (60%)

Blue (82%)

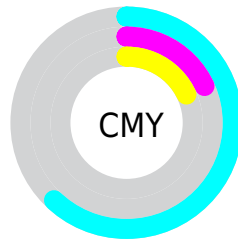


Cyan (54%)

Magenta (0%)

Yellow (1%)

Black (18%)



Cyan (62%)


Magenta (18%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 33.798, 195.177 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 78, 33.798, 195.177 by changing the saturation by 10% instead.


 78, 33.798,
195.177


 78, 33.798,
195.177


 100, 33.798,
195.177


 68, 33.798,
195.177


 98, 33.798,
195.177

 58, 33.798,
195.177

 48, 33.798,
195.177

 38, 33.798,
195.177

 28, 33.798,
195.177

 18, 33.798,
195.177

 8, 33.798, 195.177

■ 0, 33.798, 195.177

■ 78, 33.798,
195.177

■ 78, 33.798,
195.177

■ 77, 37.619,
194.792

■ 79, 29.077,
195.603

■ 77, 40.497,
194.449

■ 80, 23.542,
196.077

■ 77, 42.441,
194.141

■ 81, 17.303,
196.595

■ 77, 43.525,
193.858

■ 82, 10.481,
197.164

■ 76, 43.891,
193.702

■ 84, 3.200, 197.867

■ 85, 4.425, 18.164

■ 87, 12.294, 18.871

■ 88, 16.768, 18.952

■ 88, 16.763, 18.301

Harmonies

Complementary

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



78, 33.798, 195.177



55, 49.769, 24.827

Rectangle

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



78, 33.798, 195.177



78, 33.798, 245.177



78, 33.798, 15.177



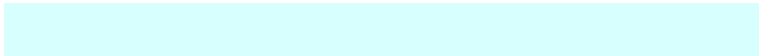
78, 33.798, 65.177

Sweetspot

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



78, 33.798, 195.175



97, 13.699, 197.049



76, 71.237, 139.258



52, 9.193, 196.929



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 33.798, 195.175



92, 44.093, 194.739



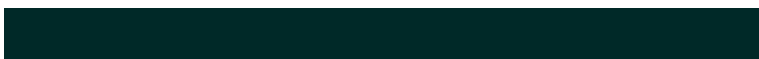
63, 33.493, 262.288



43, 4.210, 197.467



62, 37.197, 193.743



14, 14.186, 194.250

Inverse Universe

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



55, 49.769, 24.827



61, 71.258, 27.943



67, 40.679, 65.317



41, 4.459, 18.504



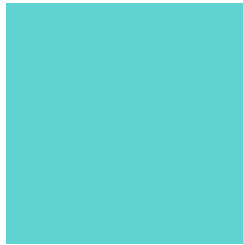
35, 75.721, 39.151



4, 20.016, 18.647

Previews

White Background



This preview shows how the CIELCh color 78, 33.798, 195.177 looks on a white background.

Color Contrast Check

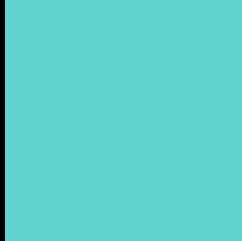
Large Text (above 18pt) WCAG AA × Fail

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 78, 33.798, 195.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

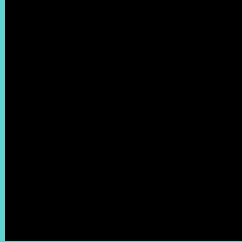
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

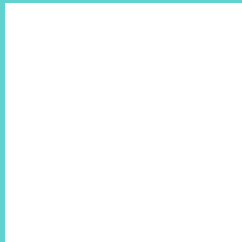
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 33.798, 195.177

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.798, 195.177.

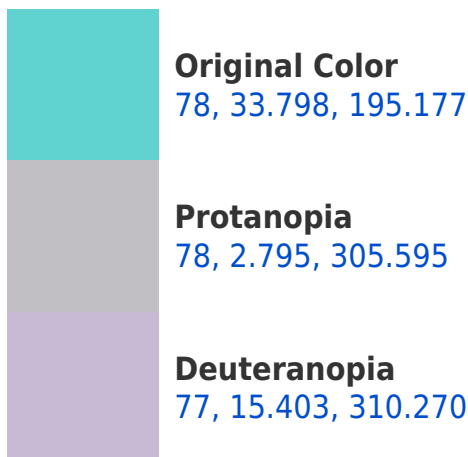


This preview shows how white text looks on a background with the CIELCh color 78, 33.798, 195.177.

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
78, 31.331, 213.416

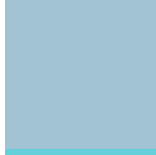
Trichromacy



Original Color
78, 33.798, 195.177



Protanomaly
77, 13.828, 202.887



Deuteranomaly
77, 13.868, 237.247

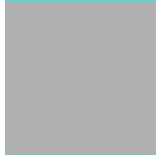


Tritanomaly
78, 31.910, 206.011

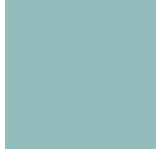
Monochromacy



Original Color
78, 33.798, 195.177



Achromatopsia
72, 0.009, 296.813



Achromatomaly
73, 14.297, 198.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.798, 195.177 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(96, 210, 208)` looks like.

```
.text, #text, p{  
    color:rgb(96, 210, 208)  
}
```

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(96, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 210, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.798, 195.177 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(96, 210, 208) }
```

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

```
.border{ border-color:rgb(96, 210, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 210, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 210, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 210, 208);  
box-shadow:4px 4px 4px 4px rgb(96, 210,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.798, 195.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 210, 208) }
```

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

```
.background{ background-color: rgb(96, 210,  
208) }
```

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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