

Converting Colors

CIELCh(78, 33.780, 196.908)

Have a look what the booklet for
CIELCh(78, 33.780, 196.908)
contains.

CIELCh(78, 33.761, 197.026)	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(78, 33.761, 197.026)

Conversions

Conversions Part 1

Format	Color
Hex	5FD2D2
RGB	95, 210, 210
RGB Percent	37%, 82%, 82%
CMY	0.6272, 0.1762, 0.1763
CMYK	0.55, 0.00, 0.00, 0.18
HSL	180°, 56%, 60%
HSV	180°, 55%, 82%
XYZ	39.4252, 53.2120, 69.2006
YIQ	175.6150, -68.5400, -24.3800

Conversions

Conversions Part 2

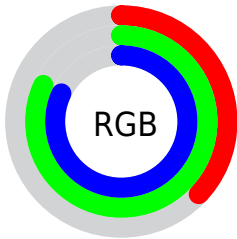
Format	Color
RYB	95, 153, 210
Decimal	6279890
CIELab	78.00, -32.28, -9.89
CIELCh	78, 33.761, 197.026
Yxy	53.2120, 0.2436, 0.3288
Android (android.graphics.Color)	4284469970 (0xFF5FD2D2)
YUV	175.6150, 16.9518, -70.6994
Hunter-Lab	72.9466, -31.1830, -5.1827

Details

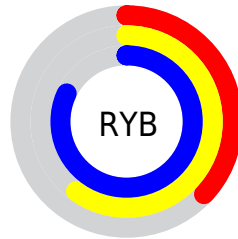
The CIELCh color **78, 33.761, 197.026** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **55, 50.603, 26.178**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.658, 197.530**, and **58, 33.693, 197.446** is the 20% darker color. If you saturate the color by 10%, you get **77, 37.458, 196.773**, and if you desaturate by 10%, it is **79, 29.155, 197.341**.

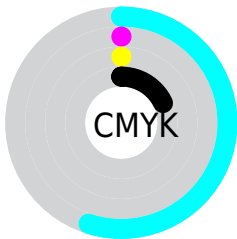
Distribution



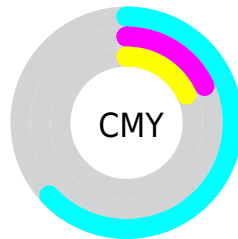
- Red (37%)
- Green (82%)
- Blue (82%)



- Red (37%)
- Yellow (60%)
- Blue (82%)



- Cyan (55%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)





- Cyan (63%)
- Magenta (18%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 33.761, 197.026 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, 33.761, 197.026 by changing the saturation by 10% instead.


 78, 33.761,
197.026


 78, 33.761,
197.026


 100, 33.761,
197.026


 68, 33.761,
197.026


 98, 33.761,
197.026

 58, 33.761,
197.026

 48, 33.761,
197.026

 38, 33.761,
197.026

 28, 33.761,
197.026

 18, 33.761,
197.026

 8, 33.761, 197.026

■ 0, 33.761, 197.026

■ 78, 33.761,
197.026

■ 78, 33.761,
197.026

■ 77, 37.458,
196.773

■ 79, 29.155,
197.341

■ 77, 40.209,
196.588

■ 80, 23.721,
197.723

■ 77, 42.030,
196.467

■ 81, 17.564,
198.164

■ 77, 43.002,
196.402

■ 82, 10.805,
198.668

■ 77, 43.298,
196.382

■ 83, 3.566, 199.302

■ 85, 4.038, 19.561

■ 87, 11.904, 20.242

■ 88, 16.822, 20.627

■ 88, 16.822, 20.626

Harmonies

Complementary

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



78, 33.761, 197.026



55, 50.603, 26.178

Rectangle

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



78, 33.761, 197.026



78, 33.761, 247.026



78, 33.761, 17.026



78, 33.761, 67.026

Sweetspot

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



78, 33.761, 197.024



97, 13.668, 198.591



76, 72.104, 139.521



52, 9.170, 198.483



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, 33.761, 197.024



92, 44.079, 196.731



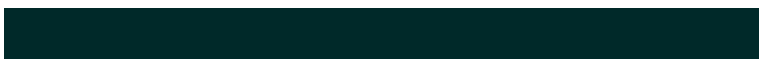
62, 34.484, 264.407



43, 4.203, 198.973



62, 36.713, 196.382



14, 14.039, 196.383

Inverse Universe

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



55, 50.603, 26.178



61, 73.084, 29.429



67, 41.191, 66.906



41, 4.460, 19.925



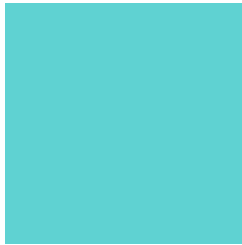
35, 76.454, 39.863



4, 20.018, 19.465

Previews

White Background



This preview shows how the CIELCh color 78, 33.761, 197.026 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, 33.761, 197.026 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

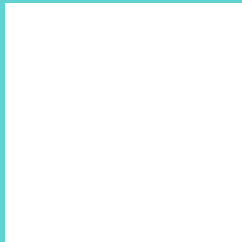
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 33.761, 197.026

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.761, 197.026.

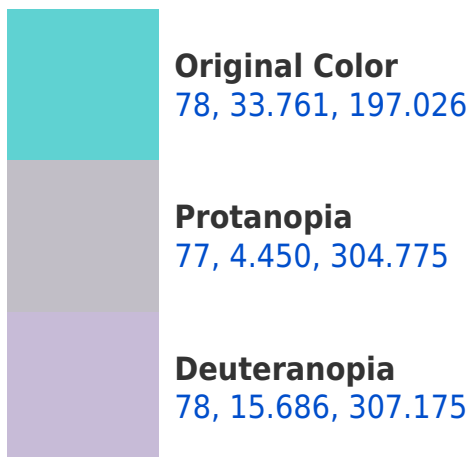


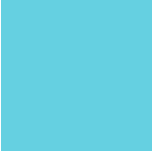
This preview shows how white text looks on a background with the CIELCh color 78, 33.761, 197.026.

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, 31.567, 214.319

Trichromacy



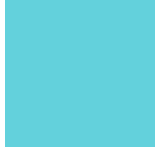
Original Color
78, 33.761, 197.026



Protanomaly
77, 13.907, 209.634



Deuteranomaly
77, 14.721, 240.037

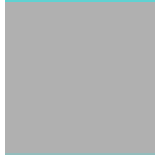


Tritanomaly
78, 32.067, 207.945

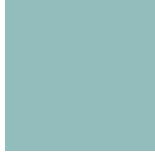
Monochromacy



Original Color
78, 33.761, 197.026



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, 33.761, 197.026 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(95, 210, 210)` looks like.

```
.text, #text, p{  
    color:rgb(95, 210, 210)  
}
```

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(95, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 210, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.761, 197.026 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(95, 210, 210) }
```

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

```
.border{ border-color:rgb(95, 210, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 210, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 210, 210);  
box-shadow:4px 4px 4px 4px rgb(95, 210,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.761, 197.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 210, 210) }
```

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

```
.background{ background-color: rgb(95, 210,  
210) }
```

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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