

Converting Colors

CIELCh(78, 34.096, 197.014)

Have a look what the booklet for
CIELCh(78, 34.096, 197.014)
contains.

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Color

CIELCh(78, 33.958, 197.013)

Conversions

Conversions Part 1

Format	Color
Hex	5ED2D2
RGB	94, 210, 210
RGB Percent	37%, 82%, 82%
CMY	0.6307, 0.1759, 0.1759
CMYK	0.55, 0.00, 0.00, 0.18
HSL	180°, 56%, 60%
HSV	180°, 55%, 82%
XYZ	39.3648, 53.2120, 69.2614
YIQ	175.3160, -69.1360, -24.5920

Conversions

Conversions Part 2

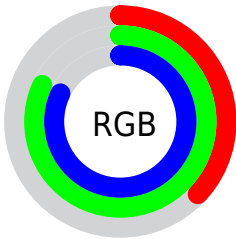
Format	Color
RYB	94, 152, 210
Decimal	6214354
CIELab	78.00, -32.47, -9.94
CIELCh	78, 33.958, 197.013
Yxy	53.2120, 0.2432, 0.3288
Android (android.graphics.Color)	4284404434 (0xFF5ED2D2)
YUV	175.3160, 17.0992, -71.3141
Hunter-Lab	72.9466, -31.3309, -5.2321

Details

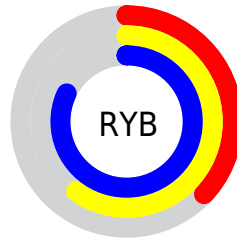
The CIELCh color **78, 33.958, 197.013** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **55, 51.091, 26.284**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.907, 197.515**, and **58, 33.899, 197.423** is the 20% darker color. If you saturate the color by 10%, you get **77, 37.614, 196.763**, and if you desaturate by 10%, it is **79, 29.390, 197.326**.

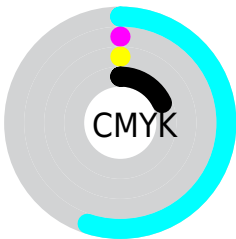
Distribution



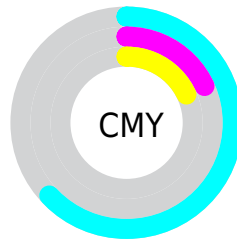
- Red (37%)
- Green (82%)
- Blue (82%)



- 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, 33.958, 197.013 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, 33.958, 197.013 by changing the saturation by 10% instead.


 78, 33.958,
197.013


 78, 33.958,
197.013


 100, 33.958,
197.013


 68, 33.958,
197.013


 98, 33.958,
197.013

 58, 33.958,
197.013

 48, 33.958,
197.013

 38, 33.958,
197.013

 28, 33.958,
197.013

 18, 33.958,
197.013

 8, 33.958, 197.013

■ 0, 33.958, 197.013

■ 78, 33.958,
197.013

■ 78, 33.958,
197.013

■ 77, 37.614,
196.763

■ 79, 29.390,
197.326

■ 77, 40.324,
196.581

■ 80, 23.989,
197.704

■ 77, 42.105,
196.462

■ 81, 17.860,
198.143

■ 77, 43.042,
196.400

■ 82, 11.123,
198.644

■ 77, 43.312,
196.382

■ 83, 3.900, 199.264

■ 85, 3.692, 19.521

■ 87, 11.551, 20.214

■ 88, 16.787, 20.623

■ 88, 16.786, 20.622

Harmonies

Complementary

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



78, 33.958, 197.013



55, 51.091, 26.284

Rectangle

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



78, 33.958, 197.013



78, 33.958, 247.013



78, 33.958, 17.013



78, 33.958, 67.013

Sweetspot

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



78, 33.958, 197.011



97, 14.478, 198.538



76, 72.644, 139.472



51, 9.623, 198.434



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, 33.958, 197.011



92, 44.079, 196.731



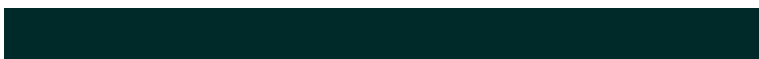
62, 34.760, 264.545



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, 51.091, 26.284



61, 73.084, 29.429



67, 41.584, 66.850



41, 4.460, 19.925



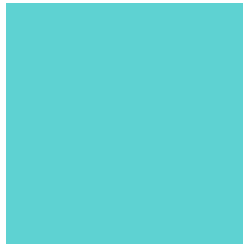
35, 76.454, 39.862



4, 20.018, 19.465

Previews

White Background



This preview shows how the CIELCh color 78, 33.958, 197.013 looks on a white background.

Color Contrast Check

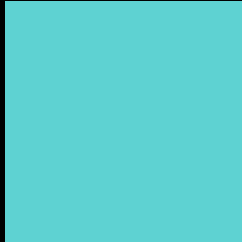
Large Text (above 18pt) WCAG AA × Fail

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, 33.958, 197.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

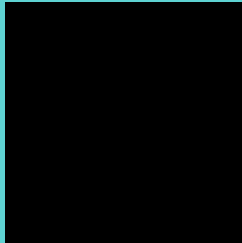
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

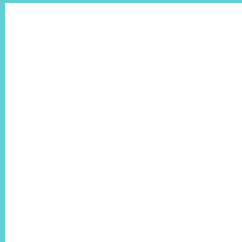
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 33.958, 197.013

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.958, 197.013.

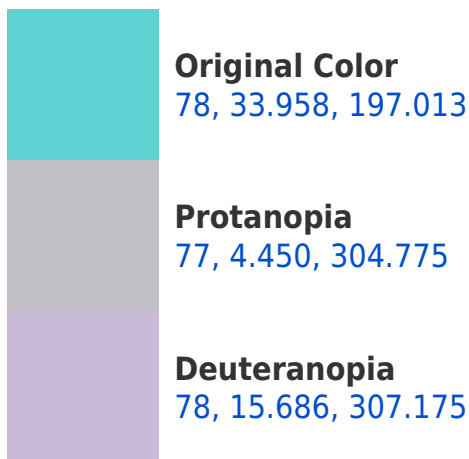


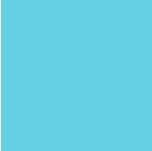
This preview shows how white text looks on a background with the CIELCh color 78, 33.958, 197.013.

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, 31.758, 214.203

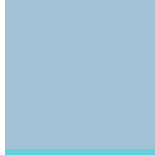
Trichromacy



Original Color
78, 33.958, 197.013



Protanomaly
77, 13.907, 209.634



Deuteranomaly
77, 14.721, 240.037

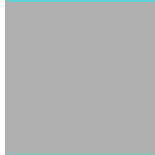


Tritanomaly
78, 32.262, 207.867

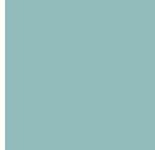
Monochromacy



Original Color
78, 33.958, 197.013



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 14.620, 198.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.958, 197.013 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, 210, 210)` looks like.

```
.text, #text, p{  
    color:rgb(94, 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(94, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 210, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.958, 197.013 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, 210, 210) }
```

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

```
.border{ border-color:rgb(94, 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(94, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 210, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 210, 210);  
box-shadow:4px 4px 4px 4px rgb(94, 210,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.958, 197.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 210, 210) }
```

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

```
.background{ background-color: rgb(94, 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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