

Converting Colors

CIELCh(78, 34.167, 197.011)

Have a look what the booklet for
CIELCh(78, 34.167, 197.011)
contains.

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Color

CIElCh(78, 34.153, 197.000)

Conversions

Conversions Part 1

Format	Color
Hex	5DD2D2
RGB	93, 210, 210
RGB Percent	36%, 82%, 82%
CMY	0.6343, 0.1756, 0.1756
CMYK	0.56, 0.00, 0.00, 0.18
HSL	180°, 57%, 60%
HSV	180°, 56%, 82%
XYZ	39.3050, 53.2120, 69.3213
YIQ	175.0170, -69.7320, -24.8040

Conversions

Conversions Part 2

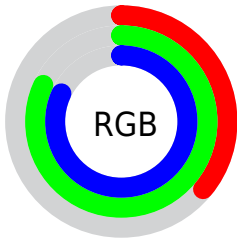
Format	Color
RYB	93, 152, 210
Decimal	6148818
CIELab	78.00, -32.66, -9.99
CIELCh	78, 34.153, 197.000
Yxy	53.2120, 0.2429, 0.3288
Android (android.graphics.Color)	4284338898 (0xFF5DD2D2)
YUV	175.0170, 17.2466, -71.9289
Hunter-Lab	72.9466, -31.4772, -5.2809

Details

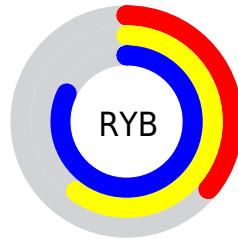
The CIELCh color **78, 34.153, 197.000** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **54, 51.578, 26.391**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.155, 197.500**, and **58, 34.111, 197.399** is the 20% darker color. If you saturate the color by 10%, you get **77, 37.768, 196.753**, and if you desaturate by 10%, it is **79, 29.623, 197.310**.

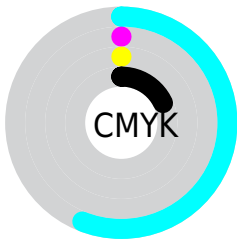
Distribution



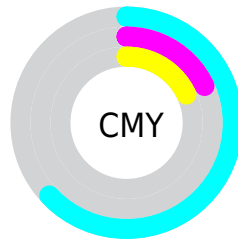
- Red (36%)
- Green (82%)
- Blue (82%)



- Red (36%)
- Yellow (60%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 34.153, 197.000 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, 34.153, 197.000 by changing the saturation by 10% instead.

 78, 34.153,
197.000

 78, 34.153,
197.000

 100, 34.153,
197.000

 68, 34.153,
197.000


 98, 34.153,
197.000

 58, 34.153,
197.000

 48, 34.153,
197.000

 38, 34.153,
197.000

 28, 34.153,
197.000

 18, 34.153,
197.000

 8, 34.153, 197.000

0, 34.153, 197.000

78, 34.153,
197.000

78, 34.153,
197.000

77, 37.768,
196.753

79, 29.623,
197.310

77, 40.436,
196.574

80, 24.256,
197.685

77, 42.177,
196.458

81, 18.155,
198.122

77, 43.081,
196.398

82, 11.440,
198.620

77, 43.326,
196.381

83, 4.234, 199.227

85, 3.347, 19.479

87, 11.198, 20.185

■ 88, 16.752, 20.620

■ 88, 16.751, 20.619

Harmonies

Complementary

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



78, 34.153, 197.000



54, 51.578, 26.391

Rectangle

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



78, 34.153, 197.000



78, 34.153, 247.000



78, 34.153, 17.000



78, 34.153, 67.000

Sweetspot

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



78, 34.153, 196.998



97, 14.478, 198.538



76, 73.182, 139.423



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, 34.153, 196.998



92, 44.429, 196.710



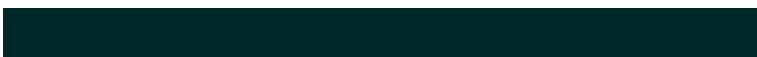
62, 35.036, 264.684



43, 4.203, 198.973



62, 36.713, 196.382



14, 14.039, 196.382

Inverse Universe

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



54, 51.578, 26.391



60, 74.290, 29.743



67, 41.976, 66.794



41, 4.460, 19.925



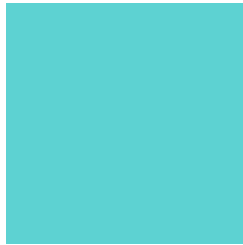
35, 76.454, 39.862



4, 20.018, 19.465

Previews

White Background



This preview shows how the CIELCh color 78, 34.153, 197.000 looks on a white background.

Color Contrast Check

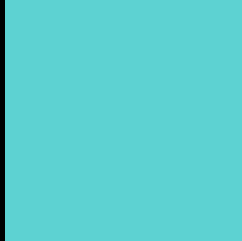
Large Text (above 18pt) WCAG AA × Fail

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, 34.153, 197.000 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

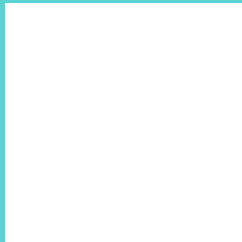
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 34.153, 197.000

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.153, 197.000.

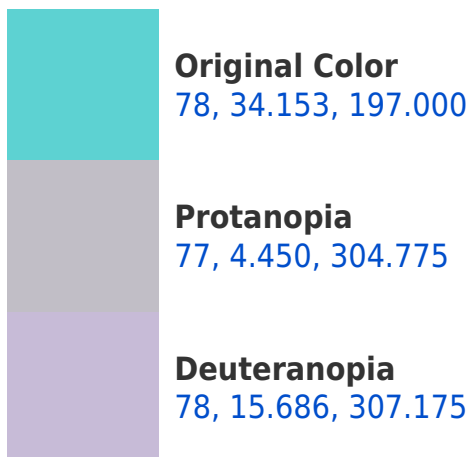


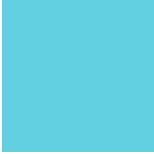
This preview shows how white text looks on a background with the CIELCh color 78, 34.153, 197.000.

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, 31.947, 214.089

Trichromacy



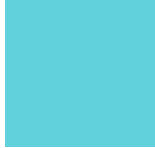
Original Color
78, 34.153, 197.000



Protanomaly
77, 13.907, 209.634



Deuteranomaly
77, 14.721, 240.037

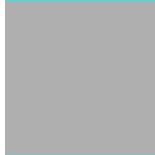


Tritanomaly
78, 32.455, 207.791

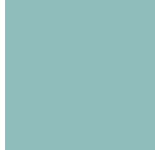
Monochromacy



Original Color
78, 34.153, 197.000



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 14.941, 198.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.153, 197.000 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(93, 210, 210)` looks like.

```
.text, #text, p{  
    color:rgb(93, 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(93, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 210, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.153, 197.000 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(93, 210, 210) }
```

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

```
.border{ border-color:rgb(93, 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(93, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 210, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 210, 210);  
box-shadow:4px 4px 4px 4px rgb(93, 210,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.153, 197.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 210, 210) }
```

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

```
.background{ background-color: rgb(93, 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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