

Converting Colors

CIELCh(78, 34.352, 184.244)

Have a look what the booklet for
CIELCh(78, 34.352, 184.244)
contains.

CIELCh(78, 34.347, 184.222)	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, 34.347, 184.222)

Conversions

Conversions Part 1

Format	Color
Hex	67D2C4
RGB	103, 210, 196
RGB Percent	40%, 82%, 77%
CMY	0.5944, 0.1748, 0.2298
CMYK	0.51, 0.00, 0.07, 0.17
HSL	172°, 55%, 62%
HSV	172°, 51%, 83%
XYZ	38.8029, 53.2120, 60.6933
YIQ	176.4110, -59.2780, -27.0380

Conversions

Conversions Part 2

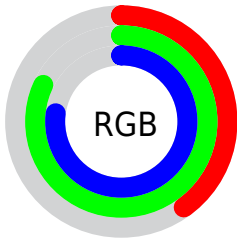
Format	Color
RYB	103, 160, 210
Decimal	6804164
CIELab	78.00, -34.25, -2.53
CIELCh	78, 34.347, 184.222
Yxy	53.2120, 0.2541, 0.3485
Android (android.graphics.Color)	4284994244 (0xFF67D2C4)
YUV	176.4110, 9.6574, -64.3814
Hunter-Lab	72.9466, -32.7059, 1.7319

Details

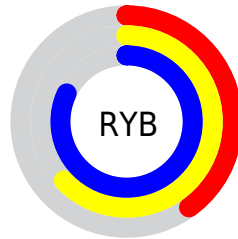
The CIELCh color **78, 34.347, 184.222** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 45.140, 15.653**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.306, 195.574**, and **58, 34.491, 183.835** is the 20% darker color. If you saturate the color by 10%, you get **77, 39.137, 183.207**, and if you desaturate by 10%, it is **79, 28.749, 185.173**.

Distribution



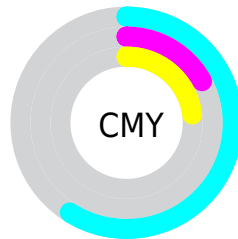
- Red (40%)
- Green (82%)
- Blue (77%)



- Red (40%)
- Yellow (63%)
- Blue (82%)



- Cyan (51%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)




- Cyan (59%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 34.347, 184.222 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, 34.347, 184.222 by changing the saturation by 10% instead.

 78, 34.347,
184.222

 78, 34.347,
184.222


 100, 34.347,
184.222

 68, 34.347,
184.222

 98, 34.347,
184.222

 58, 34.347,
184.222

 48, 34.347,
184.222

 38, 34.347,
184.222

 28, 34.347,
184.222

 18, 34.347,
184.222

 8, 34.347, 184.222

0, 34.347, 184.222

78, 34.347,
184.222

78, 34.347,
184.222

77, 39.137,
183.207

79, 28.749,
185.173

77, 43.036,
182.113

80, 22.452,
186.081

76, 46.016,
180.918

81, 15.585,
186.959

76, 48.110,
179.604

83, 8.277, 187.830

76, 49.429,
178.311

84, 0.650, 189.426

86, 7.189, 9.304

88, 15.148, 10.126

■ 88, 16.951, 6.483

■ 88, 17.285, 1.855

Harmonies

Complementary

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



78, 34.347, 184.222



57, 45.140, 15.653

Rectangle

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



78, 34.347, 184.222



78, 34.347, 234.222



78, 34.347, 4.222



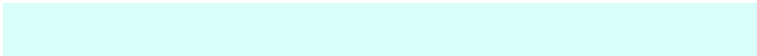
78, 34.347, 54.222

Sweetspot

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



78, 34.347, 184.220



97, 13.274, 187.451



77, 65.407, 137.452



52, 9.016, 187.266



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, 34.347, 184.220



92, 45.656, 183.119



67, 28.594, 248.087



43, 4.320, 187.959



62, 41.756, 178.553



14, 15.505, 181.654

Inverse Universe

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



57, 45.140, 15.653



63, 63.922, 18.504



65, 37.836, 55.611



41, 4.518, 9.404



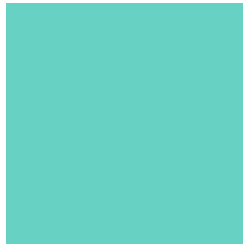
35, 70.979, 33.768



4, 20.092, 13.377

Previews

White Background



This preview shows how the CIE LCh color 78, 34.347, 184.222 looks on a white background.

Color Contrast Check

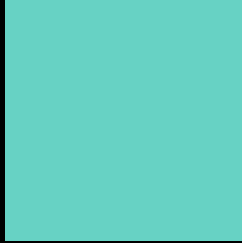
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 34.347, 184.222 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

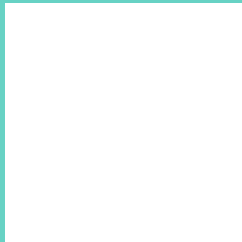
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 34.347, 184.222

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.347, 184.222.

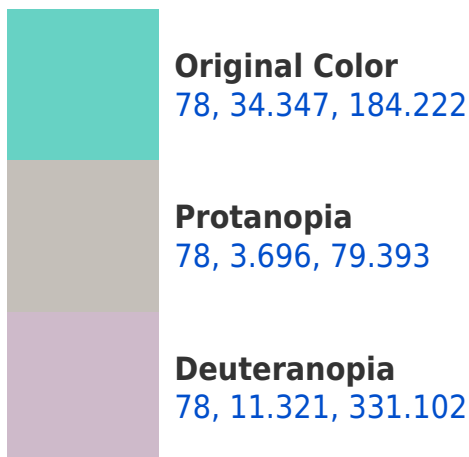


This preview shows how white text looks on a background with the CIELCh color 78, 34.347, 184.222.

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, 28.915, 216.110

Trichromacy



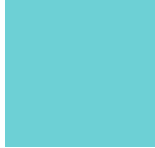
Original Color
78, 34.347, 184.222



Protanomaly
77, 13.813, 177.856



Deuteranomaly
77, 9.452, 215.358

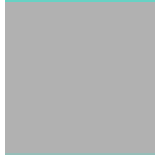


Tritanomaly
78, 29.937, 202.500

Monochromacy



Original Color
78, 34.347, 184.222



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 14.136, 187.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.347, 184.222 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(103, 210, 196)` looks like.

```
.text, #text, p{  
    color:rgb(103, 210, 196)  
}
```

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(103, 210, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 210, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.347, 184.222 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(103, 210, 196) }
```

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

```
.border{ border-color:rgb(103, 210, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 210, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 210, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 210, 196);  
box-shadow:4px 4px 4px 4px rgb(103, 210,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.347, 184.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 210, 196) }
```

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

```
.background{ background-color: rgb(103,  
210, 196) }
```

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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