

Converting Colors

CIELCh(79, 35.225, 195.183)

Have a look what the booklet for
CIELCh(79, 35.225, 195.183)
contains.

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Color

CIELCh(79, 35.246, 195.192)

Conversions

Conversions Part 1

Format	Color
Hex	5DD6D4
RGB	93, 214, 212
RGB Percent	36%, 84%, 83%
CMY	0.6370, 0.1623, 0.1702
CMYK	0.57, 0.00, 0.01, 0.16
HSL	179°, 59%, 60%
HSV	179°, 57%, 84%
XYZ	40.2484, 54.9284, 70.5067
YIQ	177.5930, -71.4740, -26.2740

Conversions

Conversions Part 2

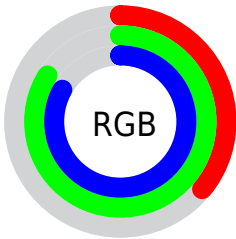
Format	Color
RYB	93, 154, 214
Decimal	6149844
CIELab	79.00, -34.01, -9.24
CIELCh	79, 35.246, 195.192
Yxy	54.9284, 0.2429, 0.3315
Android (android.graphics.Color)	4284339924 (0xFF5DD6D4)
YUV	177.5930, 16.9627, -74.1881
Hunter-Lab	74.1137, -32.7621, -4.5249

Details

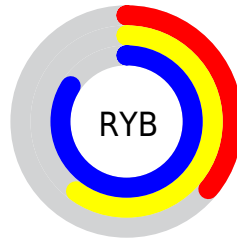
The CIELCh color **79, 35.246, 195.192** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **55, 52.999, 25.505**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.907, 197.515**, and **59, 35.409, 194.499** is the 20% darker color. If you saturate the color by 10%, you get **78, 38.878, 194.825**, and if you desaturate by 10%, it is **80, 30.686, 195.601**.

Distribution



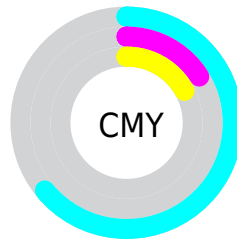
- Red (36%)
- Green (84%)
- Blue (83%)



- Red (36%)
- Yellow (60%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)





- Cyan (64%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 35.246, 195.192 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 79, 35.246, 195.192 by changing the saturation by 10% instead.


 79, 35.246,
195.192

 79, 35.246,
195.192


 100, 35.246,
195.192


 69, 35.246,
195.192


 99, 35.246,
195.192

 59, 35.246,
195.192

 49, 35.246,
195.192

 39, 35.246,
195.192

 29, 35.246,
195.192

 19, 35.246,
195.192

 9, 35.246, 195.192

0, 35.246, 195.192

79, 35.246,
195.192

79, 35.246,
195.192

78, 38.878,
194.825

80, 30.686,
195.601

78, 41.550,
194.501

81, 25.274,
196.058

78, 43.286,
194.211

82, 19.118,
196.562

78, 44.188,
193.946

83, 12.340,
197.113

78, 44.396,
193.860

84, 5.066, 197.750

86, 2.587, 18.009

88, 10.510, 18.796

■ 89, 15.391, 18.928

■ 89, 15.387, 18.252

Harmonies

Complementary

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



79, 35.246, 195.192



55, 52.999, 25.505

Rectangle

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



79, 35.246, 195.192



79, 35.246, 245.192



79, 35.246, 15.192



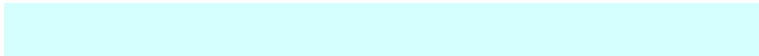
79, 35.246, 65.192

Sweetspot

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



79, 35.246, 195.190



97, 14.511, 197.084



77, 75.306, 139.305



51, 9.647, 196.968



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 35.246, 195.190



92, 45.144, 194.756



62, 36.103, 265.024



44, 4.294, 197.557



63, 37.582, 193.898



15, 14.704, 194.348

Inverse Universe

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



55, 52.999, 25.505



60, 74.849, 28.978



67, 43.410, 66.658



42, 4.548, 18.593



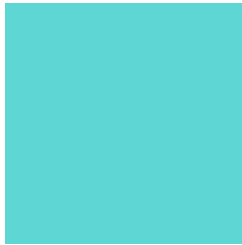
35, 76.647, 39.227



5, 21.986, 19.031

Previews

White Background



This preview shows how the CIELCh color 79, 35.246, 195.192 looks on a white background.

Color Contrast Check

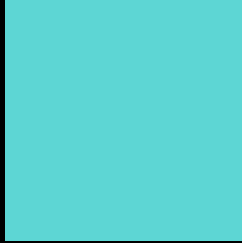
Large Text (above 18pt) WCAG AA × Fail

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 79, 35.246, 195.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

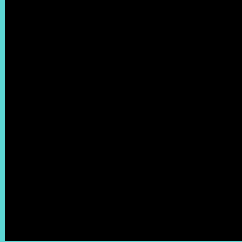
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

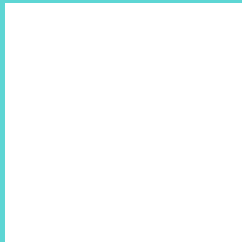
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 35.246, 195.192

Background



This preview shows how black text looks on a background with the CIELCh color 79, 35.246, 195.192.

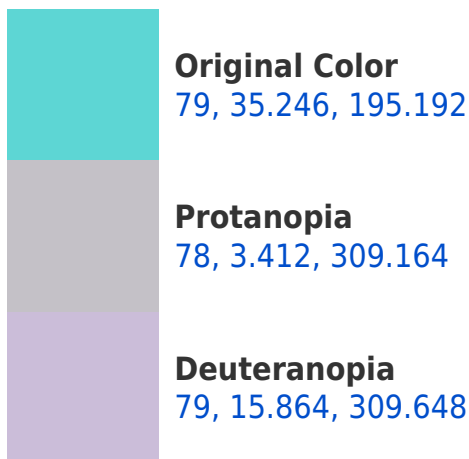


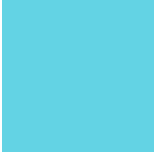
This preview shows how white text looks on a background with the CIELCh color 79, 35.246, 195.192.

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



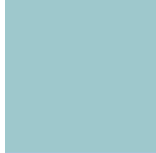


Tritanopia
79, 32.567, 213.695

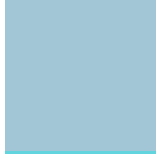
Trichromacy



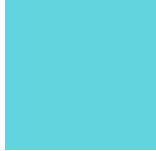
Original Color
79, 35.246, 195.192



Protanomaly
78, 14.470, 206.957



Deuteranomaly
78, 14.631, 237.429

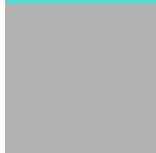


Tritanomaly
79, 33.113, 206.569

Monochromacy



Original Color
79, 35.246, 195.192



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 15.243, 198.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 35.246, 195.192 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, 214, 212)` looks like.

```
.text, #text, p{  
    color:rgb(93, 214, 212)  
}
```

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, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 214, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 35.246, 195.192 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, 214, 212) }
```

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

```
.border{ border-color:rgb(93, 214, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 214, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(93, 214,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 35.246, 195.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 214, 212) }
```

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

```
.background{ background-color: rgb(93, 214,  
212) }
```

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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