

Converting Colors

CIELCh(79, 43.215, 160.869)

Have a look what the booklet for
CIELCh(79, 43.215, 160.869)
contains.

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Color

CIELCh(79, 43.195, 160.992)

Conversions

Conversions Part 1

Format	Color
Hex	70D7A8
RGB	112, 215, 168
RGB Percent	44%, 84%, 66%
CMY	0.5604, 0.1565, 0.3408
CMYK	0.48, 0.00, 0.22, 0.16
HSL	153°, 56%, 64%
HSV	153°, 48%, 84%
XYZ	38.0931, 54.9284, 45.6824
YIQ	178.8450, -46.3010, -36.4530

Conversions

Conversions Part 2

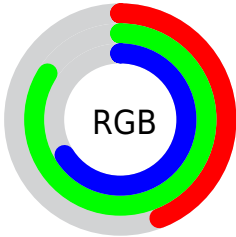
Format	Color
RYB	112, 179, 215
Decimal	7395240
CIELab	79.00, -40.84, 14.07
CIElCh	79, 43.195, 160.992
Yxy	54.9284, 0.2746, 0.3960
Android (android.graphics.Color)	4285585320 (0xFF70D7A8)
YUV	178.8450, -5.3466, -58.6231
Hunter-Lab	74.1137, -37.9531, 15.3343

Details

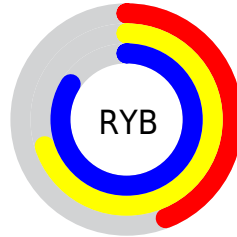
The CIELCh color **79, 43.195, 160.992** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **60, 46.255, 351.450**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.409, 167.741**, and **59, 43.430, 160.880** is the 20% darker color. If you saturate the color by 10%, you get **78, 51.021, 159.525**, and if you desaturate by 10%, it is **80, 34.764, 162.290**.

Distribution



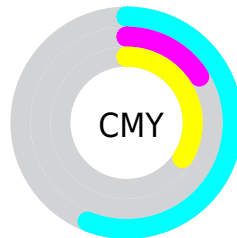
- Red (44%)
- Green (84%)
- Blue (66%)



- Red (44%)
- Yellow (70%)
- Blue (84%)



- Cyan (48%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)





- Cyan (56%)
- Magenta (16%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 43.195, 160.992 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, 43.195, 160.992 by changing the saturation by 10% instead.


 79, 43.195,
160.992


 79, 43.195,
160.992


 100, 43.195,
160.992


 69, 43.195,
160.992


 99, 43.195,
160.992

 59, 43.195,
160.992

 49, 43.195,
160.992

 39, 43.195,
160.992

 29, 43.195,
160.992

 19, 43.195,
160.992

 9, 43.195, 160.992

■ 0, 43.195, 160.992

■ 79, 43.195,
160.992

■ 79, 43.195,
160.992

■ 78, 51.021,
159.525

■ 80, 34.764,
162.290

■ 77, 58.099,
157.867

■ 81, 25.882,
163.447

■ 77, 64.330,
155.999

■ 83, 16.707,
164.489

■ 76, 69.680,
153.918

■ 85, 7.379, 165.454

■ 76, 74.228,
151.661

■ 86, 1.983, 346.018

■ 76, 75.142,
151.194

■ 88, 11.284,
346.981

■ 90, 18.212,

342.634

■ 90, 21.620,
331.868

■ 90, 24.999,
325.295

Harmonies

Complementary

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



79, 43.195, 160.992



60, 46.255, 351.450

Rectangle

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



79, 43.195, 160.992



79, 43.195, 210.992



79, 43.195, 340.992



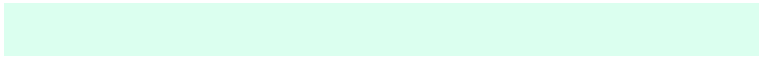
79, 43.195, 30.992

Sweetspot

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



79, 43.196, 160.991



97, 15.031, 164.856



80, 57.057, 128.013



51, 10.370, 164.644



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, 43.196, 160.991



91, 57.729, 159.577



79, 30.191, 200.826



44, 5.292, 165.308



62, 62.795, 151.591



14, 22.394, 156.663

Inverse Universe

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



60, 46.255, 351.450



66, 62.187, 353.131



60, 43.138, 26.858



42, 5.373, 346.841



36, 62.542, 5.891



5, 23.131, 357.147

Previews

White Background



This preview shows how the CIELCh color 79, 43.195, 160.992 looks on a white background.

Color Contrast Check

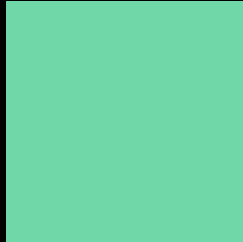
Large Text (above 18pt) WCAG AA × Fail

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 79, 43.195, 160.992 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, 43.195, 160.992

Background



This preview shows how black text looks on a background with the CIELCh color 79, 43.195, 160.992.

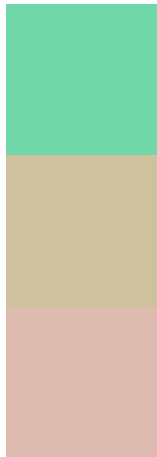


This preview shows how white text looks on a background with the CIELCh color 79, 43.195, 160.992.

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



Original Color

79, 43.195, 160.992

Protanopia

79, 19.715, 94.421

Deuteranopia

78, 15.038, 47.548



Tritanopia
79, 25.937, 217.190

Trichromacy



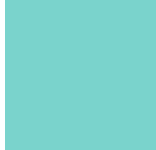
Original Color
79, 43.195, 160.992



Protanomaly
78, 24.186, 136.370



Deuteranomaly
78, 14.684, 133.274

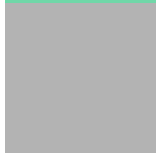


Tritanomaly
79, 28.796, 189.823

Monochromacy



Original Color
79, 43.195, 160.992



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 16.441, 164.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 43.195, 160.992 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(112, 215, 168)` looks like.

```
.text, #text, p{  
    color:rgb(112, 215, 168)  
}
```

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(112, 215, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 215, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 43.195, 160.992 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(112, 215, 168) }
```

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

```
.border{ border-color:rgb(112, 215, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 215, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 215, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 215, 168);  
box-shadow:4px 4px 4px 4px rgb(112, 215,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 43.195, 160.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 215, 168) }
```

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

```
.background{ background-color: rgb(112,  
215, 168) }
```

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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