

Converting Colors

CIELCh(79, 33.847, 188.786)

Have a look what the booklet for
CIELCh(79, 33.847, 188.786)
contains.

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Color

CIELCh(79, 33.839, 188.764)

Conversions

Conversions Part 1

Format	Color
Hex	68D5CC
RGB	104, 213, 204
RGB Percent	41%, 84%, 80%
CMY	0.5919, 0.1645, 0.1998
CMYK	0.51, 0.00, 0.04, 0.16
HSL	175°, 57%, 62%
HSV	175°, 51%, 84%
XYZ	40.4321, 54.9284, 65.6352
YIQ	179.3830, -62.0750, -25.9070

Conversions

Conversions Part 2

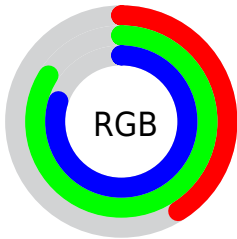
Format	Color
RYB	104, 161, 213
Decimal	6870476
CIELab	79.00, -33.44, -5.16
CIELCh	79, 33.839, 188.764
Yxy	54.9284, 0.2511, 0.3412
Android (android.graphics.Color)	4285060556 (0xFF68D5CC)
YUV	179.3830, 12.1362, -66.1109
Hunter-Lab	74.1137, -32.3197, -0.6277

Details

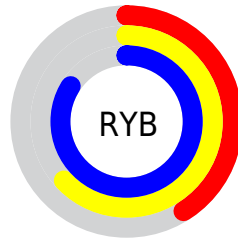
The CIELCh color **79, 33.839, 188.764** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 46.281, 19.374**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.614, 197.654**, and **59, 33.893, 188.666** is the 20% darker color. If you saturate the color by 10%, you get **78, 38.333, 187.973**, and if you desaturate by 10%, it is **80, 28.492, 189.530**.

Distribution



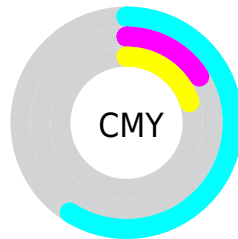
- Red (41%)
- Green (84%)
- Blue (80%)



- Red (41%)
- Yellow (63%)
- Blue (84%)



- Cyan (51%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)





- Cyan (59%)
- Magenta (16%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 33.839, 188.764 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, 33.839, 188.764 by changing the saturation by 10% instead.


 79, 33.839,
188.764


 79, 33.839,
188.764


 100, 33.839,
188.764


 69, 33.839,
188.764


 99, 33.839,
188.764

 59, 33.839,
188.764

 49, 33.839,
188.764

 39, 33.839,
188.764

 29, 33.839,
188.764

 19, 33.839,
188.764

 9, 33.839, 188.764

0, 33.839, 188.764

79, 33.839,
188.764

79, 33.839,
188.764

78, 38.333,
187.973

80, 28.492,
189.530

78, 41.903,
187.147

81, 22.399,
190.286

77, 44.528,
186.270

82, 15.682,
191.040

77, 46.250,
185.324

84, 8.472, 191.811

77, 47.198,
184.434

85, 0.892, 193.115

87, 6.947, 13.135

89, 14.950, 13.910

■ 89, 15.700, 10.944

■ 89, 15.832, 7.682

Harmonies

Complementary

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



79, 33.839, 188.764



57, 46.281, 19.374

Rectangle

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



79, 33.839, 188.764



79, 33.839, 238.764



79, 33.839, 8.764



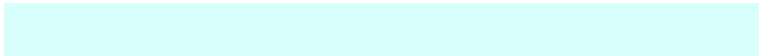
79, 33.839, 58.764

Sweetspot

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



79, 33.839, 188.762



97, 13.062, 191.498



77, 67.408, 138.536



52, 8.866, 191.335



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, 33.839, 188.762



92, 44.115, 187.935



66, 30.360, 255.072



44, 4.344, 191.951



63, 39.984, 184.600



15, 15.437, 186.620

Inverse Universe

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



57, 46.281, 19.374



63, 64.818, 22.111



67, 38.351, 60.628



42, 4.569, 13.256



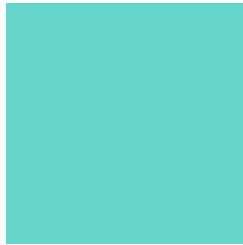
35, 73.982, 36.445



5, 21.964, 16.083

Previews

White Background



This preview shows how the CIELCh color 79, 33.839, 188.764 looks on a white background.

Color Contrast Check

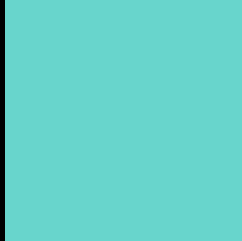
Large Text (above 18pt) WCAG AA × Fail

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, 33.839, 188.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

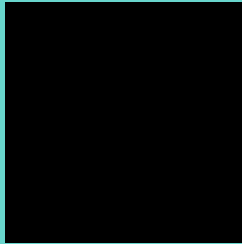
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

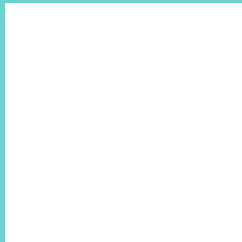
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 33.839, 188.764

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.839, 188.764.

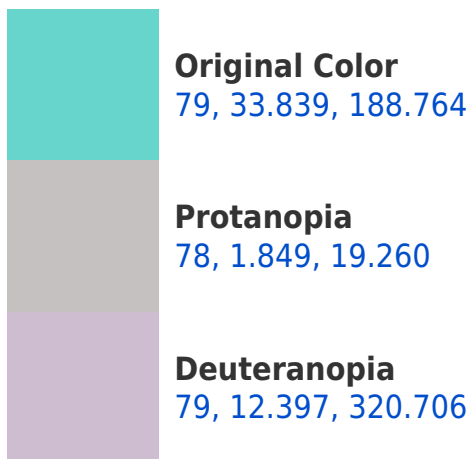


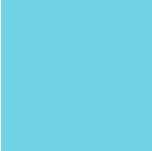
This preview shows how white text looks on a background with the CIELCh color 79, 33.839, 188.764.

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, 29.795, 215.443

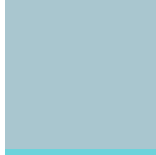
Trichromacy



Original Color
79, 33.839, 188.764



Protanomaly
78, 12.785, 191.223



Deuteranomaly
78, 11.000, 224.863

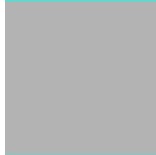


Tritanomaly
79, 30.507, 205.467

Monochromacy



Original Color
79, 33.839, 188.764



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 13.857, 191.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.839, 188.764 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(104, 213, 204)` looks like.

```
.text, #text, p{  
    color:rgb(104, 213, 204)  
}
```

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(104, 213, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 213, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.839, 188.764 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(104, 213, 204) }
```

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

```
.border{ border-color:rgb(104, 213, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 213, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 213, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 213, 204);  
box-shadow:4px 4px 4px 4px rgb(104, 213,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.839, 188.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 213, 204) }
```

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

```
.background{ background-color: rgb(104,  
213, 204) }
```

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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