

Converting Colors

CIELCh(79, 33.710, 186.852)

Have a look what the booklet for
CIELCh(79, 33.710, 186.852)
contains.

CIELCh(79, 33.763, 186.899)	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(79, 33.763, 186.899)

Conversions

Conversions Part 1

Format	Color
Hex	6AD5CA
RGB	106, 213, 202
RGB Percent	42%, 84%, 79%
CMY	0.5842, 0.1646, 0.2078
CMYK	0.50, 0.00, 0.05, 0.16
HSL	174°, 56%, 63%
HSV	174°, 50%, 84%
XYZ	40.4081, 54.9284, 64.3612
YIQ	179.7530, -60.2410, -26.1050

Conversions

Conversions Part 2

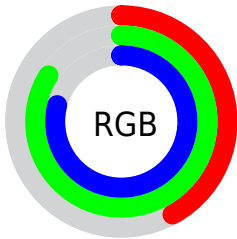
Format	Color
RYB	106, 162, 213
Decimal	7001546
CIELab	79.00, -33.52, -4.06
CIElCh	79, 33.763, 186.899
Yxy	54.9284, 0.2530, 0.3440
Android (android.graphics.Color)	4285191626 (0xFF6AD5CA)
YUV	179.7530, 10.9678, -64.6814
Hunter-Lab	74.1137, -32.3777, 0.3915

Details

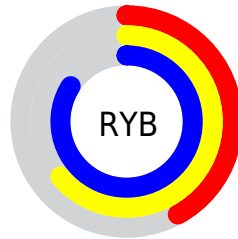
The CIELCh color **79, 33.763, 186.899** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 45.184, 17.648**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.352, 197.670**, and **59, 33.824, 186.693** is the 20% darker color. If you saturate the color by 10%, you get **78, 38.464, 186.010**, and if you desaturate by 10%, it is **80, 28.231, 187.746**.

Distribution



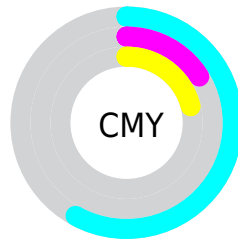
- Red (42%)
- Green (84%)
- Blue (79%)



- Red (42%)
- Yellow (64%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)





- Cyan (58%)
- Magenta (16%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 33.763, 186.899 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, 33.763, 186.899 by changing the saturation by 10% instead.

 79, 33.763,
186.899

 79, 33.763,
186.899


 100, 33.763,
186.899


 69, 33.763,
186.899


 99, 33.763,
186.899

 59, 33.763,
186.899

 49, 33.763,
186.899

 39, 33.763,
186.899

 29, 33.763,
186.899

 19, 33.763,
186.899

 9, 33.763, 186.899

0, 33.763, 186.899

79, 33.763,
186.899

79, 33.763,
186.899

78, 38.464,
186.010

80, 28.231,
187.746

78, 42.255,
185.069

81, 21.979,
188.569

77, 45.106,
184.055

82, 15.134,
189.379

77, 47.052,
182.950

84, 7.825, 190.198

77, 48.267,
181.789

85, 0.175, 194.103

87, 7.707, 11.591

89, 15.676, 12.351

■ 89, 15.820, 8.276

■ 89, 16.046, 4.297

Harmonies

Complementary

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



79, 33.763, 186.899



58, 45.184, 17.648

Rectangle

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



79, 33.763, 186.899



79, 33.763, 236.899



79, 33.763, 6.899



79, 33.763, 56.899

Sweetspot

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



79, 33.763, 186.897



97, 13.143, 189.791



78, 65.644, 137.881



52, 8.923, 189.617



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, 33.763, 186.897



92, 44.243, 185.975



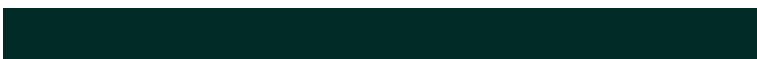
68, 28.964, 250.286



44, 4.368, 190.267



63, 40.878, 181.987



15, 15.705, 184.407

Inverse Universe

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



58, 45.184, 17.648



63, 63.302, 20.320



67, 37.602, 57.333



42, 4.583, 11.639



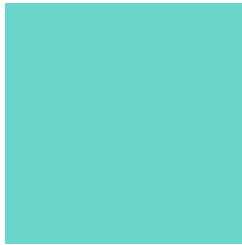
35, 73.105, 35.429



5, 21.968, 15.182

Previews

White Background



This preview shows how the CIE LCh color 79, 33.763, 186.899 looks on a white background.

Color Contrast Check

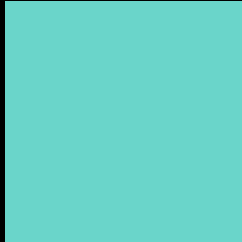
Large Text (above 18pt) WCAG AA × Fail

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, 33.763, 186.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

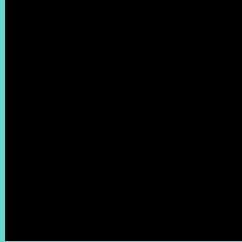
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

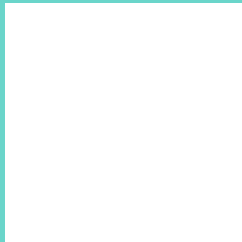
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 33.763, 186.899

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.763, 186.899.

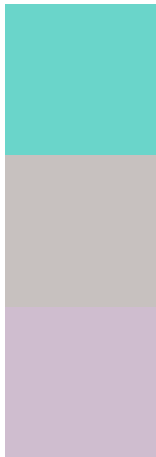


This preview shows how white text looks on a background with the CIELCh color 79, 33.763, 186.899.

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, 33.763, 186.899

Protanopia

78, 2.459, 45.029

Deuteranopia

79, 11.689, 324.894



Tritanopia
79, 29.154, 215.901

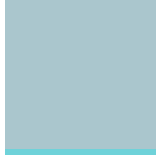
Trichromacy



Original Color
79, 33.763, 186.899



Protanomaly
78, 12.715, 186.275



Deuteranomaly
78, 10.340, 220.111

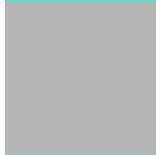


Tritanomaly
79, 29.868, 204.627

Monochromacy



Original Color
79, 33.763, 186.899



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 13.966, 189.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.763, 186.899 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(106, 213, 202)` looks like.

```
.text, #text, p{  
    color:rgb(106, 213, 202)  
}
```

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(106, 213, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 213, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.763, 186.899 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(106, 213, 202) }
```

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

```
.border{ border-color:rgb(106, 213, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 213, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 213, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 213, 202);  
box-shadow:4px 4px 4px 4px rgb(106, 213,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.763, 186.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 213, 202) }
```

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

```
.background{ background-color: rgb(106,  
213, 202) }
```

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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