

Converting Colors

CIELCh(79, 34.441, 172.878)

Have a look what the booklet for
CIELCh(79, 34.441, 172.878)
contains.

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Color

CIELCh(79, 34.549, 173.158)

Conversions

Conversions Part 1

Format	Color
Hex	76D5BB
RGB	118, 213, 187
RGB Percent	46%, 84%, 73%
CMY	0.5379, 0.1653, 0.2673
CMYK	0.45, 0.00, 0.12, 0.17
HSL	164°, 53%, 65%
HSV	164°, 45%, 83%
XYZ	40.1557, 54.9284, 55.4114
YIQ	181.6310, -48.2740, -28.2260

Conversions

Conversions Part 2

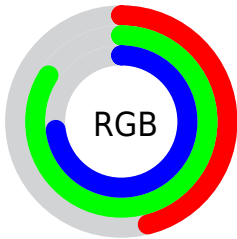
Format	Color
RYB	118, 173, 213
Decimal	7787963
CIELab	79.00, -34.30, 4.12
CIELCh	79, 34.549, 173.158
Yxy	54.9284, 0.2668, 0.3650
Android (android.graphics.Color)	4285978043 (0xFF76D5BB)
YUV	181.6310, 2.6469, -55.8044
Hunter-Lab	74.1137, -32.9856, 7.5512

Details

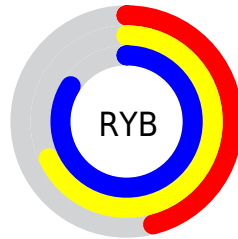
The CIELCh color **79, 34.549, 173.158** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 40.081, 3.565**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.883, 184.385**, and **59, 34.553, 173.097** is the 20% darker color. If you saturate the color by 10%, you get **78, 40.954, 171.839**, and if you desaturate by 10%, it is **80, 27.499, 174.354**.

Distribution



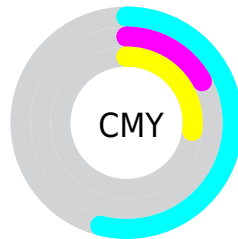
- Red (46%)
- Green (84%)
- Blue (73%)



- Red (46%)
- Yellow (68%)
- Blue (84%)



- Cyan (45%)
- Magenta (0%)
- Yellow (12%)
- Black (17%)





- Cyan (54%)
- Magenta (17%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 34.549, 173.158 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, 34.549, 173.158 by changing the saturation by 10% instead.


 79, 34.549,
173.158

 79, 34.549,
173.158


 100, 34.549,
173.158


 69, 34.549,
173.158


 99, 34.549,
173.158

 59, 34.549,
173.158

 49, 34.549,
173.158

 39, 34.549,
173.158

 29, 34.549,
173.158

 19, 34.549,
173.158

 9, 34.549, 173.158

0, 34.549, 173.158

79, 34.549,
173.158

79, 34.549,
173.158

78, 40.954,
171.839

80, 27.499,
174.354

77, 46.591,
170.378

81, 19.938,
175.456

77, 51.377,
168.748

83, 12.007,
176.487

76, 55.286,
166.929

84, 3.833, 177.524

76, 58.367,
164.915

86, 4.472, 358.168

88, 12.817,
359.086

76, 59.805,
163.800

89, 17.127,

354.166

■ 89, 18.571,
345.707

■ 89, 20.374,
338.647

Harmonies

Complementary

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



79, 34.549, 173.158



61, 40.081, 3.565

Rectangle

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



79, 34.549, 173.158



79, 34.549, 223.158



79, 34.549, 353.158



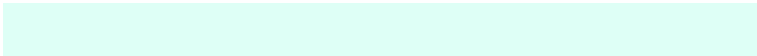
79, 34.549, 43.158

Sweetspot

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



79, 34.550, 173.157



98, 12.371, 176.637



79, 55.831, 133.968



52, 8.636, 176.413



0, 0.000, 0.000



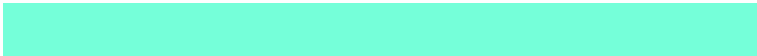
53, 0.007, 296.813

Same Dimension

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



79, 34.550, 173.157



92, 46.884, 171.850



74, 24.974, 224.650



44, 4.704, 177.010



62, 50.506, 164.150



15, 18.587, 168.632

Inverse Universe

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



61, 40.081, 3.565



67, 56.177, 5.668



65, 34.582, 41.130



42, 4.846, 358.648



36, 65.687, 23.088



5, 22.201, 7.540

Previews

White Background



This preview shows how the CIELCh color 79, 34.549, 173.158 looks on a white background.

Color Contrast Check

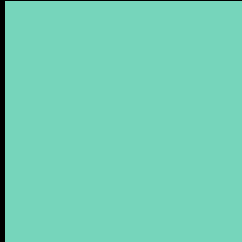
Large Text (above 18pt) WCAG AA × Fail

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, 34.549, 173.158 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

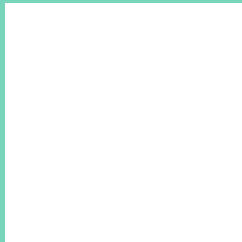
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 34.549, 173.158

Background



This preview shows how black text looks on a background with the CIELCh color 79, 34.549, 173.158.

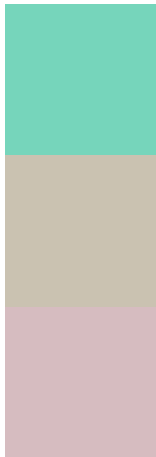


This preview shows how white text looks on a background with the CIELCh color 79, 34.549, 173.158.

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](#).

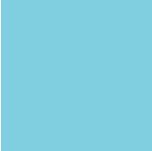
Dichromacy



Original Color
79, 34.549, 173.158

Protanopia
79, 9.542, 90.626

Deuteranopia
79, 9.995, 7.901



Tritanopia
79, 25.565, 218.829

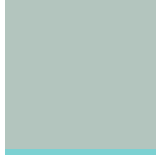
Trichromacy



Original Color
79, 34.549, 173.158



Protanomaly
78, 15.448, 154.573



Deuteranomaly
78, 7.599, 169.345

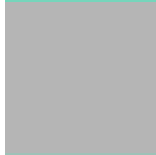


Tritanomaly
79, 26.846, 198.656

Monochromacy



Original Color
79, 34.549, 173.158



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 13.788, 175.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 34.549, 173.158 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(118, 213, 187)` looks like.

```
.text, #text, p{  
    color:rgb(118, 213, 187)  
}
```

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(118, 213, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 213, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 34.549, 173.158 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(118, 213, 187) }
```

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

```
.border{ border-color:rgb(118, 213, 187) }
```

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

Here you see how a box with a 4 pixel rgb(118, 213, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 213, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 213, 187);  
box-shadow:4px 4px 4px 4px rgb(118, 213,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 34.549, 173.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 213, 187) }
```

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

```
.background{ background-color: rgb(118,  
213, 187) }
```

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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