

Converting Colors

CIELCh(79, 30.502, 173.870)

Have a look what the booklet for
CIELCh(79, 30.502, 173.870)
contains.

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Color

CIELCh(79, 30.217, 174.257)

Conversions

Conversions Part 1

Format	Color
Hex	81D3BD
RGB	129, 211, 189
RGB Percent	51%, 83%, 74%
CMY	0.4941, 0.1725, 0.2588
CMYK	0.39, 0.00, 0.10, 0.17
HSL	164°, 48%, 67%
HSV	164°, 39%, 83%
XYZ	41.5317, 54.9284, 56.5562
YIQ	183.9740, -41.8100, -24.2260

Conversions

Conversions Part 2

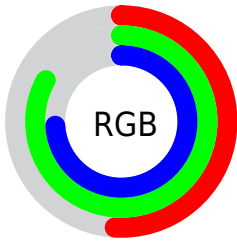
Format	Color
RYB	129, 176, 211
Decimal	8508349
CIELab	79.00, -30.07, 3.02
CIELCh	79, 30.217, 174.257
Yxy	54.9284, 0.2714, 0.3590
Android (android.graphics.Color)	4286698429 (0xFF81D3BD)
YUV	183.9740, 2.4778, -48.2122
Hunter-Lab	74.1137, -29.6713, 6.6353

Details

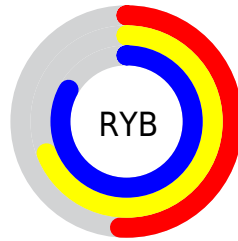
The CIELCh color **79, 30.217, 174.257** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **63, 34.451, 2.919**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.701, 185.352**, and **59, 30.189, 174.551** is the 20% darker color. If you saturate the color by 10%, you get **78, 36.925, 173.017**, and if you desaturate by 10%, it is **80, 22.944, 175.390**.

Distribution



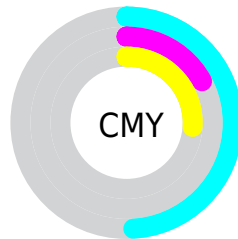
- Red (51%)
- Green (83%)
- Blue (74%)



- Red (51%)
- Yellow (69%)
- Blue (83%)



- Cyan (39%)
- Magenta (0%)
- Yellow (10%)
- Black (17%)





- Cyan (49%)
- Magenta (17%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 30.217, 174.257 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, 30.217, 174.257 by changing the saturation by 10% instead.


 79, 30.217,
174.257


 79, 30.217,
174.257


 100, 30.217,
174.257


 69, 30.217,
174.257


 99, 30.217,
174.257


 59, 30.217,
174.257

 49, 30.217,
174.257

 39, 30.217,
174.257

 29, 30.217,
174.257

 19, 30.217,
174.257

 9, 30.217, 174.257

■ 0, 30.217, 174.257

■ 79, 30.217,
174.257

■ 79, 30.217,
174.257

■ 78, 36.925,
173.017

■ 80, 22.944,
175.390

■ 77, 42.933,
171.651

■ 82, 15.240,
176.443

■ 77, 48.136,
170.133

■ 83, 7.239, 177.451

■ 76, 52.474,
168.438

■ 85, 0.941, 357.752

■ 76, 55.950,
166.551

■ 87, 9.201, 359.100

■ 89, 17.252,
359.661

■ 75, 58.701,
164.499

■ 89, 18.391,
351.007

■ 75, 58.999,
164.269

■ 89, 19.915,
343.552

■ 89, 21.741,
337.290

Harmonies

Complementary

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



79, 30.217, 174.257



63, 34.451, 2.919

Rectangle

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



79, 30.217, 174.257



79, 30.217, 224.257



79, 30.217, 354.257



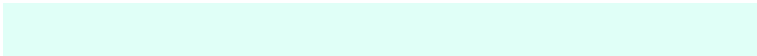
79, 30.217, 44.257

Sweetspot

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



79, 30.218, 174.255



98, 11.396, 177.122



79, 48.494, 134.302



52, 7.549, 176.989



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, 30.218, 174.255



93, 41.594, 173.191



75, 22.154, 223.954



43, 4.598, 177.396



61, 49.591, 164.630



14, 17.749, 169.370

Inverse Universe

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



63, 34.451, 2.919



70, 48.877, 4.520



67, 29.197, 40.997



41, 4.739, 359.026



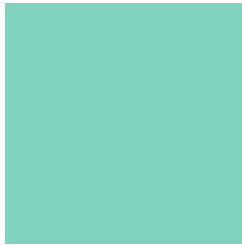
35, 65.117, 23.479



4, 20.387, 7.097

Previews

White Background



This preview shows how the CIE LCh color 79, 30.217, 174.257 looks on a white background.

Color Contrast Check

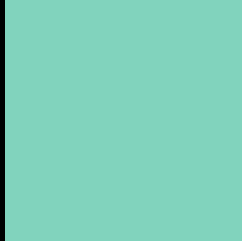
Large Text (above 18pt) WCAG AA × Fail

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, 30.217, 174.257 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

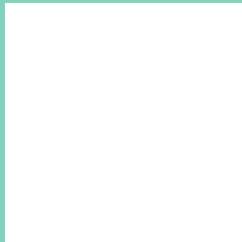
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 30.217, 174.257

Background



This preview shows how black text looks on a background with the CIELCh color 79, 30.217, 174.257.

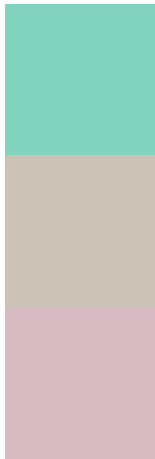


This preview shows how white text looks on a background with the CIELCh color 79, 30.217, 174.257.

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, 30.217, 174.257

Protanopia
79, 8.037, 87.229

Deuteranopia
79, 10.244, 2.060



Tritanopia
79, 23.164, 221.283

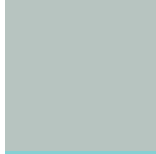
Trichromacy



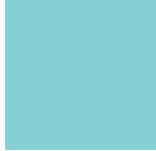
Original Color
79, 30.217, 174.257



Protanomaly
78, 13.005, 154.224

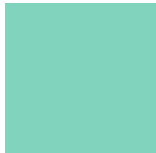


Deuteranomaly
78, 5.225, 174.916

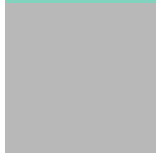


Tritanomaly
79, 23.832, 201.616

Monochromacy



Original Color
79, 30.217, 174.257



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 11.709, 176.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 30.217, 174.257 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(129, 211, 189)` looks like.

```
.text, #text, p{  
    color:rgb(129, 211, 189)  
}
```

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(129, 211, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 211, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 30.217, 174.257 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(129, 211, 189) }
```

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

```
.border{ border-color:rgb(129, 211, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 211, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 211, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 211, 189); box-shadow:4px 4px 4px 4px rgb(129, 211, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 30.217, 174.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 211, 189) }
```

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

```
.background{ background-color: rgb(129,  
211, 189) }
```

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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