

Converting Colors

CIELCh(79, 30.481, 188.012)

Have a look what the booklet for
CIELCh(79, 30.481, 188.012)
contains.

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Color

CIELCh(79, 30.786, 187.137)

Conversions

Conversions Part 1

Format	Color
Hex	75D4CA
RGB	117, 212, 202
RGB Percent	46%, 83%, 79%
CMY	0.5425, 0.1699, 0.2091
CMYK	0.45, 0.00, 0.05, 0.17
HSL	174°, 52%, 64%
HSV	174°, 45%, 83%
XYZ	41.3736, 54.9284, 64.0962
YIQ	182.4550, -53.4100, -23.2500

Conversions

Conversions Part 2

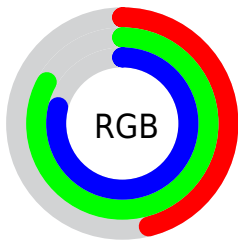
Format	Color
RYB	117, 167, 212
Decimal	7722186
CIELab	79.00, -30.55, -3.82
CIELCh	79, 30.786, 187.137
Yxy	54.9284, 0.2579, 0.3425
Android (android.graphics.Color)	4285912266 (0xFF75D4CA)
YUV	182.4550, 9.6357, -57.4040
Hunter-Lab	74.1137, -30.0522, 0.6034

Details

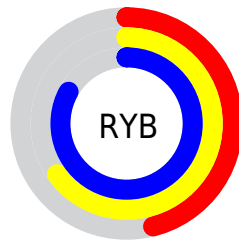
The CIELCh color **79, 30.786, 187.137** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **60, 39.741, 16.329**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.662, 197.835**, and **59, 30.898, 187.079** is the 20% darker color. If you saturate the color by 10%, you get **78, 35.933, 186.261**, and if you desaturate by 10%, it is **80, 24.871, 187.977**.

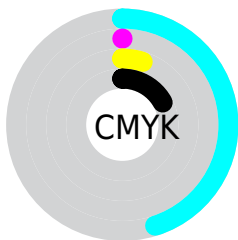
Distribution



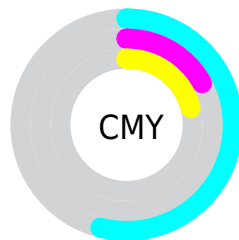
- Red (46%)
- Green (83%)
- Blue (79%)



- Red (46%)
- Yellow (65%)
- Blue (83%)



- Cyan (45%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)





- Cyan (54%)
- Magenta (17%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 30.786, 187.137 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, 30.786, 187.137 by changing the saturation by 10% instead.


 79, 30.786,
187.137


 79, 30.786,
187.137


 100, 30.786,
187.137


 69, 30.786,
187.137


 99, 30.786,
187.137

 59, 30.786,
187.137

 49, 30.786,
187.137

 39, 30.786,
187.137

 29, 30.786,
187.137

 19, 30.786,
187.137

 9, 30.786, 187.137

■ 0, 30.786, 187.137

■ 79, 30.786,
187.137

■ 79, 30.786,
187.137

■ 78, 35.933,
186.261

■ 80, 24.871,
187.977

■ 78, 40.214,
185.339

■ 81, 18.308,
188.798

■ 77, 43.570,
184.352

■ 82, 11.227,
189.613

■ 77, 45.998,
183.281

■ 84, 3.753, 190.494

■ 77, 47.569,
182.110

■ 86, 3.998, 10.978

■ 87, 11.926, 11.832

■ 76, 48.167,
181.488

■ 89, 16.270, 10.375

■ 89, 16.455, 6.404

■ 89, 16.720, 2.543

Harmonies

Complementary

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



79, 30.786, 187.137



60, 39.741, 16.329

Rectangle

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



79, 30.786, 187.137



79, 30.786, 237.137



79, 30.786, 7.137



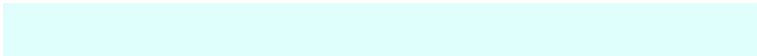
79, 30.786, 57.137

Sweetspot

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



79, 30.786, 187.135



98, 11.449, 189.756



78, 58.780, 138.326



52, 7.973, 189.573



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, 30.786, 187.135



92, 41.186, 186.288



69, 26.115, 248.933



44, 4.371, 190.069



63, 40.989, 181.685



15, 15.738, 184.150

Inverse Universe

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



60, 39.741, 16.329



66, 56.561, 18.500



68, 32.836, 57.760



42, 4.585, 11.448



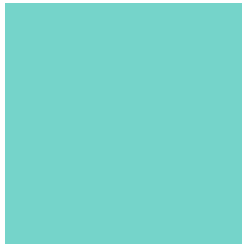
35, 72.998, 35.301



5, 21.969, 15.075

Previews

White Background



This preview shows how the CIELCh color 79, 30.786, 187.137 looks on a white background.

Color Contrast Check

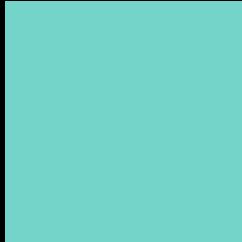
Large Text (above 18pt) WCAG AA × Fail

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, 30.786, 187.137 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

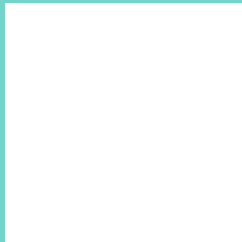
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 30.786, 187.137

Background



This preview shows how black text looks on a background with the CIELCh color 79, 30.786, 187.137.

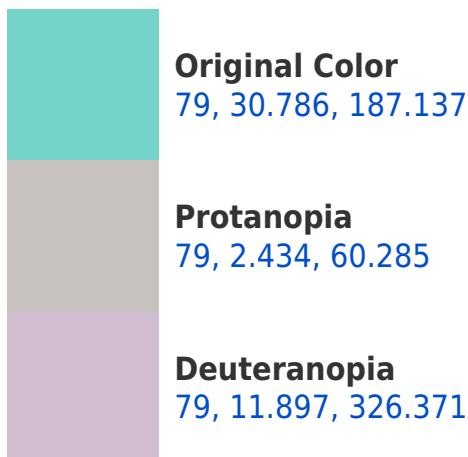


This preview shows how white text looks on a background with the CIELCh color 79, 30.786, 187.137.

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, 26.950, 217.604

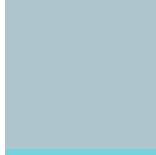
Trichromacy



Original Color
79, 30.786, 187.137



Protanomaly
78, 11.395, 184.959



Deuteranomaly
78, 8.721, 228.455

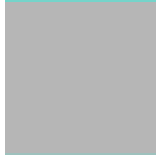


Tritanomaly
79, 27.291, 206.642

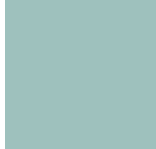
Monochromacy



Original Color
79, 30.786, 187.137



Achromatopsia
74, 0.009, 296.813



Achromatomaly
76, 12.641, 188.593

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 30.786, 187.137 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(117, 212, 202)` looks like.

```
.text, #text, p{  
    color:rgb(117, 212, 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(117, 212, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 212, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 30.786, 187.137 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(117, 212, 202) }
```

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

```
.border{ border-color:rgb(117, 212, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 212, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 212, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 212, 202); box-shadow:4px 4px 4px 4px rgb(117, 212, 202) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 30.786, 187.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 212, 202) }
```

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

```
.background{ background-color: rgb(117,  
212, 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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