

Converting Colors

CIELCh(78, 27.479, 176.846)

Have a look what the booklet for
CIELCh(78, 27.479, 176.846)
contains.

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Color

CIELCh(78, 27.367, 176.687)

Conversions

Conversions Part 1

Format	Color
Hex	84CFBD
RGB	132, 207, 189
RGB Percent	52%, 81%, 74%
CMY	0.4823, 0.1882, 0.2588
CMYK	0.36, 0.00, 0.09, 0.19
HSL	166°, 44%, 66%
HSV	166°, 36%, 81%
XYZ	41.0195, 53.2120, 56.2591
YIQ	182.5230, -38.9220, -21.4980

Conversions

Conversions Part 2

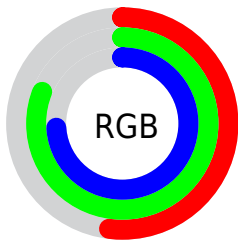
Format	Color
RYB	132, 175, 207
Decimal	8703933
CIELab	78.00, -27.32, 1.58
CIElCh	78, 27.367, 176.687
Yxy	53.2120, 0.2726, 0.3536
Android (android.graphics.Color)	4286894013 (0xFF84CFBD)
YUV	182.5230, 3.1932, -44.3087
Hunter-Lab	72.9466, -27.2818, 5.3359

Details

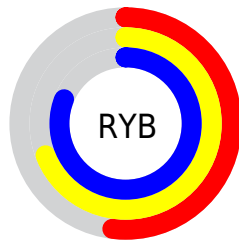
The CIELCh color **78, 27.367, 176.687** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **63, 31.301, 4.558**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 22.828, 184.926**, and **58, 27.161, 177.236** is the 20% darker color. If you saturate the color by 10%, you get **77, 33.931, 175.514**, and if you desaturate by 10%, it is **79, 20.262, 177.768**.

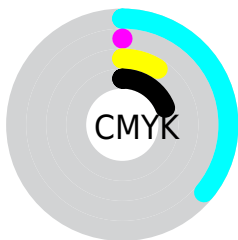
Distribution



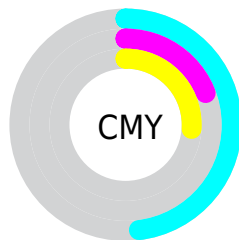
- Red (52%)
- Green (81%)
- Blue (74%)



- Red (52%)
- Yellow (69%)
- Blue (81%)



- Cyan (36%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)




- Cyan (48%)
- Magenta (19%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 27.367, 176.687 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 78, 27.367, 176.687 by changing the saturation by 10% instead.


 78, 27.367,
176.687


 78, 27.367,
176.687


 100, 27.367,
176.687


 68, 27.367,
176.687


 98, 27.367,
176.687

 58, 27.367,
176.687

 48, 27.367,
176.687

 38, 27.367,
176.687

 28, 27.367,
176.687

 18, 27.367,
176.687

 8, 27.367, 176.687

■ 0, 27.367, 176.687

■ 78, 27.367,
176.687

■ 78, 27.367,
176.687

■ 77, 33.931,
175.514

■ 79, 20.262,
177.768

■ 76, 39.821,
174.233

■ 81, 12.746,
178.785

■ 75, 44.930,
172.817

■ 82, 4.947, 179.789

■ 75, 49.186,
171.243

■ 84, 3.024, 0.408

■ 75, 52.578,
169.490

■ 86, 11.072, 1.380

■ 74, 55.177,
167.553

■ 88, 19.559,
354.475

■ 74, 56.056,
166.814

■ 88, 20.727,
347.973

■ 88, 22.146,
342.260

Harmonies

Complementary

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



78, 27.367, 176.687



63, 31.301, 4.558

Rectangle

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



78, 27.367, 176.687



78, 27.367, 226.687



78, 27.367, 356.687



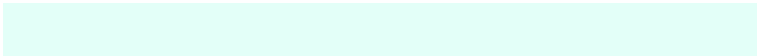
78, 27.367, 46.687

Sweetspot

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



78, 27.368, 176.685



98, 10.297, 179.289



78, 45.037, 135.429



52, 6.908, 179.153



0, 0.000, 0.000



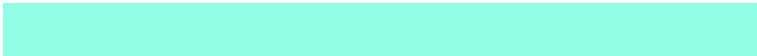
53, 0.007, 296.813

Same Dimension

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



78, 27.368, 176.685



93, 37.696, 175.841



73, 20.412, 228.345



43, 4.529, 179.460



61, 47.839, 167.134



14, 17.243, 171.644

Inverse Universe

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



63, 31.301, 4.558



73, 44.381, 5.836



67, 26.063, 44.299



41, 4.681, 1.077



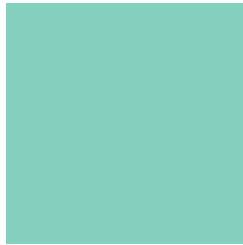
35, 66.169, 25.869



4, 20.308, 8.393

Previews

White Background



This preview shows how the CIELCh color 78, 27.367, 176.687 looks on a white background.

Color Contrast Check

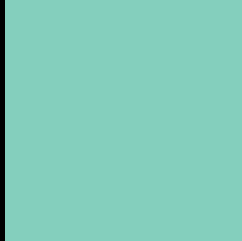
Large Text (above 18pt) WCAG AA × Fail

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 78, 27.367, 176.687 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

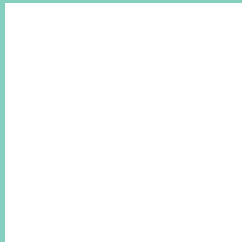
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 27.367, 176.687

Background



This preview shows how black text looks on a background with the CIELCh color 78, 27.367, 176.687.

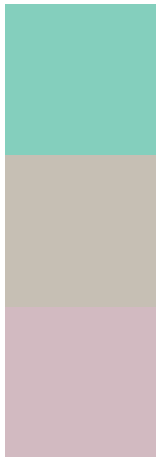


This preview shows how white text looks on a background with the CIELCh color 78, 27.367, 176.687.

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](#).

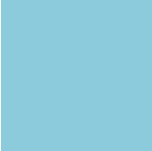
Dichromacy



Original Color
78, 27.367, 176.687

Protanopia
78, 6.431, 85.239

Deuteranopia
78, 9.726, 357.592



Tritanopia
78, 21.793, 221.410

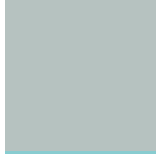
Trichromacy



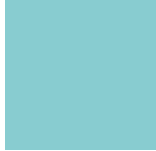
Original Color
78, 27.367, 176.687



Protanomaly
77, 11.374, 157.364

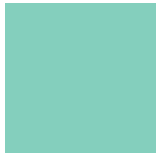


Deuteranomaly
77, 4.511, 185.412

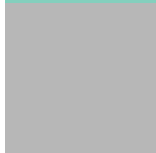


Tritanomaly
78, 22.167, 203.427

Monochromacy



Original Color
78, 27.367, 176.687



Achromatopsia
74, 0.009, 296.813



Achromatomaly
76, 10.857, 178.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 27.367, 176.687 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(132, 207, 189)` looks like.

```
.text, #text, p{  
    color:rgb(132, 207, 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(132, 207, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 207, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 27.367, 176.687 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(132, 207, 189) }
```

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

```
.border{ border-color:rgb(132, 207, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 207, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 207, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 207, 189);  
box-shadow:4px 4px 4px 4px rgb(132, 207,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 27.367, 176.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 207, 189) }
```

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

```
.background{ background-color: rgb(132,  
207, 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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