

Converting Colors

CIELCh(78, 27.365, 208.556)

Have a look what the booklet for
CIELCh(78, 27.365, 208.556)
contains.

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Color

CIELCh(78, 27.517, 207.711)

Conversions

Conversions Part 1

Format	Color
Hex	76CFD8
RGB	118, 207, 216
RGB Percent	46%, 81%, 85%
CMY	0.5387, 0.1897, 0.1544
CMYK	0.45, 0.04, 0.00, 0.15
HSL	186°, 55%, 65%
HSV	186°, 45%, 85%
XYZ	41.9912, 53.2120, 72.7740
YIQ	181.4150, -55.9330, -16.0690

Conversions

Conversions Part 2

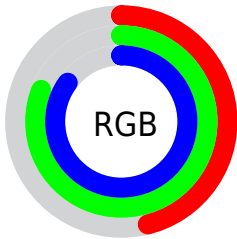
Format	Color
R _Y B	118, 165, 216
Decimal	7786456
CIE Lab	78.00, -24.36, -12.80
CIE LCh	78, 27.517, 207.711
Yxy	53.2120, 0.2500, 0.3168
Android (android.graphics.Color)	4285976536 (0xFF76CFD8)
YUV	181.4150, 17.0504, -55.6150
Hunter-Lab	72.9466, -24.9041, -8.0872

Details

The CIELCh color **78, 27.517, 207.711** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **62, 38.854, 30.653**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.386, 197.852**, and **58, 27.440, 207.946** is the 20% darker color. If you saturate the color by 10%, you get **77, 31.708, 208.081**, and if you desaturate by 10%, it is **80, 22.523, 207.515**.

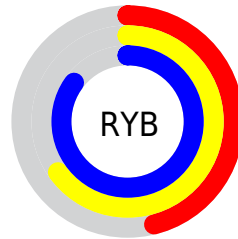
Distribution



Red (46%)

Green (81%)

Blue (85%)



Red (46%)

Yellow (65%)

Blue (85%)

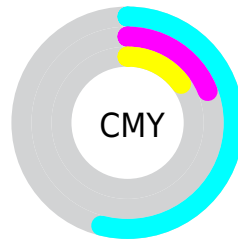


Cyan (45%)

Magenta (4%)

Yellow (0%)

Black (15%)



Cyan (54%)


Magenta (19%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 27.517, 207.711 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, 27.517, 207.711 by changing the saturation by 10% instead.


 78, 27.517,
207.711


 78, 27.517,
207.711


 100, 27.517,
207.711


 68, 27.517,
207.711


 98, 27.517,
207.711


 58, 27.517,
207.711

 48, 27.517,
207.711

 38, 27.517,
207.711

 28, 27.517,
207.711

 18, 27.517,
207.711

 8, 27.517, 207.711

■ 0, 27.517, 207.711

■ 78, 27.517,
207.711

■ 78, 27.517,
207.711

■ 77, 31.708,
208.081

■ 80, 22.523,
207.515

■ 75, 35.012,
208.664

■ 81, 16.833,
207.472

■ 74, 37.383,
209.495

■ 83, 10.563,
207.559

■ 74, 38.831,
210.608

■ 85, 3.829, 207.817

■ 87, 3.267, 27.718

■ 73, 39.439,
212.028

■ 89, 10.630, 28.134

■ 72, 39.555,
212.742

■ 91, 13.065, 31.275

■ 91, 12.596, 36.372

■ 92, 12.236, 41.814

Harmonies

Complementary

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



78, 27.517, 207.711



62, 38.854, 30.653

Rectangle

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



78, 27.517, 207.711



78, 27.517, 257.711



78, 27.517, 27.711



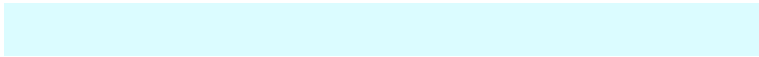
78, 27.517, 77.711

Sweetspot

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



78, 27.517, 207.709



97, 11.010, 207.580



79, 59.125, 143.055



51, 7.552, 207.546



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, 27.517, 207.709



89, 36.018, 208.084



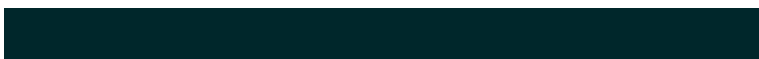
64, 33.469, 272.180



44, 3.926, 207.680



58, 33.294, 212.453



14, 13.259, 209.224

Inverse Universe

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



63, 58.564, 329.647



69, 79.285, 330.200



74, 35.662, 77.810



42, 7.370, 327.541



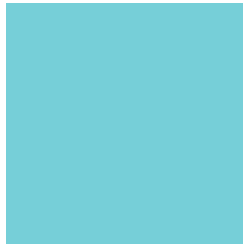
40, 79.690, 332.235



6, 30.818, 331.258

Previews

White Background



This preview shows how the CIE LCh color 78, 27.517, 207.711 looks on a white background.

Color Contrast Check

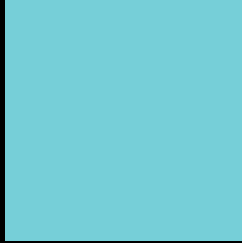
Large Text (above 18pt) WCAG AA × Fail

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, 27.517, 207.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

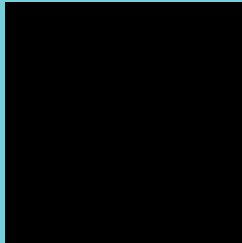
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 27.517, 207.711

Background



This preview shows how black text looks on a background with the CIELCh color 78, 27.517, 207.711.

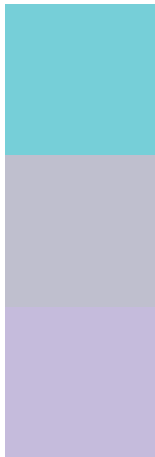


This preview shows how white text looks on a background with the CIELCh color 78, 27.517, 207.711.

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](#).

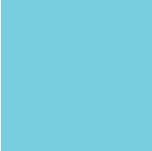
Dichromacy



Original Color
78, 27.517, 207.711

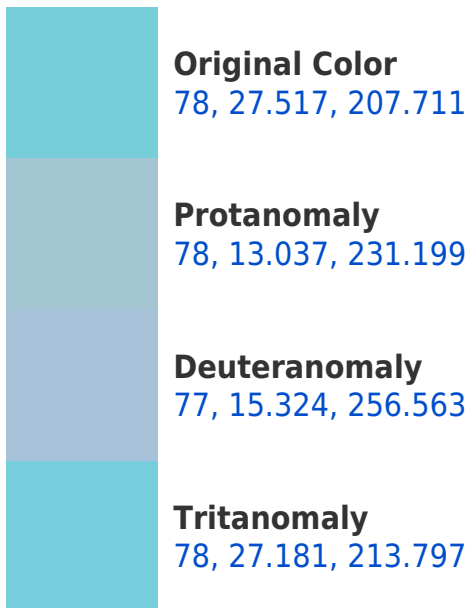
Protanopia
78, 8.047, 290.920

Deuteranopia
78, 18.124, 302.835

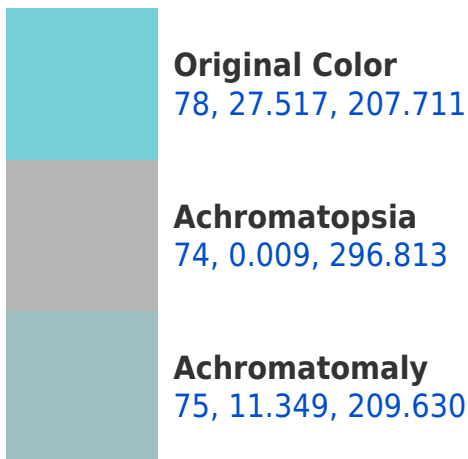


Tritanopia
78, 27.085, 216.293

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 27.517, 207.711 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, 207, 216)` looks like.

```
.text, #text, p{  
    color:rgb(118, 207, 216)  
}
```

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, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 207, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 27.517, 207.711 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, 207, 216) }
```

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

```
.border{ border-color:rgb(118, 207, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 207, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(118, 207,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 27.517, 207.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 207, 216) }
```

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

```
.background{ background-color: rgb(118,  
207, 216) }
```

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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