

Converting Colors

CIELCh(78, 27.583, 221.310)

Have a look what the booklet for
CIELCh(78, 27.583, 221.310)
contains.

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Color

CIELCh(78, 27.596, 222.043)

Conversions

Conversions Part 1

Format	Color
Hex	77CDE2
RGB	119, 205, 226
RGB Percent	47%, 80%, 89%
CMY	0.5324, 0.1952, 0.1128
CMYK	0.47, 0.09, 0.00, 0.11
HSL	192°, 65%, 68%
HSV	192°, 47%, 89%
XYZ	43.2835, 53.2120, 80.1051
YIQ	181.6800, -57.9970, -11.7010

Conversions

Conversions Part 2

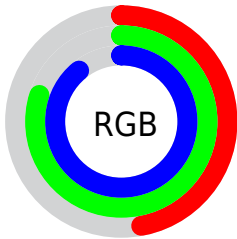
Format	Color
RYB	119, 167, 226
Decimal	7851490
CIELab	78.00, -20.49, -18.48
CIElCh	78, 27.596, 222.043
Yxy	53.2120, 0.2451, 0.3013
Android (android.graphics.Color)	4286041570 (0xFF77CDE2)
YUV	181.6800, 21.8498, -54.9704
Hunter-Lab	72.9466, -21.7420, -14.0458

Details

The CIELCh color **78, 27.596, 222.043** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 39.409, 39.401**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.830, 197.886**, and **58, 27.718, 221.833** is the 20% darker color. If you saturate the color by 10%, you get **76, 31.649, 223.463**, and if you desaturate by 10%, it is **80, 22.798, 220.976**.

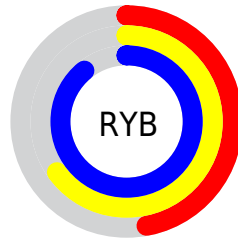
Distribution



Red (47%)

Green (80%)

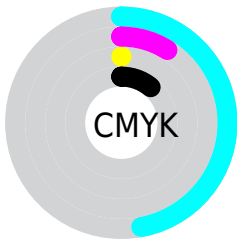
Blue (89%)



Red (47%)

Yellow (65%)

Blue (89%)

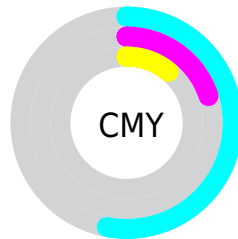


Cyan (47%)

Magenta (9%)

Yellow (0%)

Black (11%)



Cyan (53%)


Magenta (20%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 27.596, 222.043 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, 27.596, 222.043 by changing the saturation by 10% instead.


 78, 27.596,
222.043


 78, 27.596,
222.043


 100, 27.596,
222.043


 68, 27.596,
222.043


 98, 27.596,
222.043

 58, 27.596,
222.043

 48, 27.596,
222.043

 38, 27.596,
222.043

 28, 27.596,
222.043

 18, 27.596,
222.043

 8, 27.596, 222.043

0, 27.596, 222.043

78, 27.596,
222.043

78, 27.596,
222.043

76, 31.649,
223.463

80, 22.798,
220.976

74, 34.889,
225.323

83, 17.350,
220.201

72, 37.294,
227.705

85, 11.357,
219.663

71, 38.911,
230.686

88, 4.921, 219.353

69, 39.885,
234.293

91, 1.863, 38.671

69, 40.113,
235.317

94, 8.913, 38.791

95, 8.547, 56.787

■ 96, 9.047, 74.495

■ 97, 10.288, 89.068

Harmonies

Complementary

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



78, 27.596, 222.043



67, 39.409, 39.401

Rectangle

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



78, 27.596, 222.043



78, 27.596, 272.043



78, 27.596, 42.043



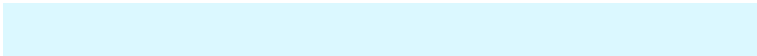
78, 27.596, 92.043

Sweetspot

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



78, 27.595, 222.041



96, 10.225, 219.536



82, 59.442, 145.822



50, 7.015, 219.620



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, 27.595, 222.041



85, 34.679, 223.477



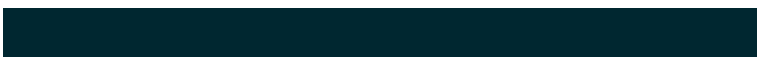
64, 41.459, 280.864



46, 3.785, 219.394



54, 33.194, 234.605



14, 13.540, 227.649

Inverse Universe

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



65, 58.831, 333.533



68, 76.129, 334.271



79, 41.246, 86.216



44, 7.115, 330.957



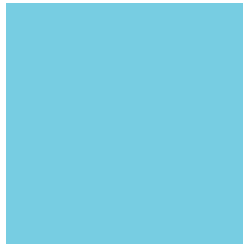
40, 75.165, 337.889



7, 31.457, 336.019

Previews

White Background



This preview shows how the CIE LCh color 78, 27.596, 222.043 looks on a white background.

Color Contrast Check

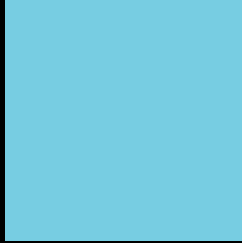
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 27.596, 222.043 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, 27.596, 222.043

Background



This preview shows how black text looks on a background with the CIELCh color 78, 27.596, 222.043.

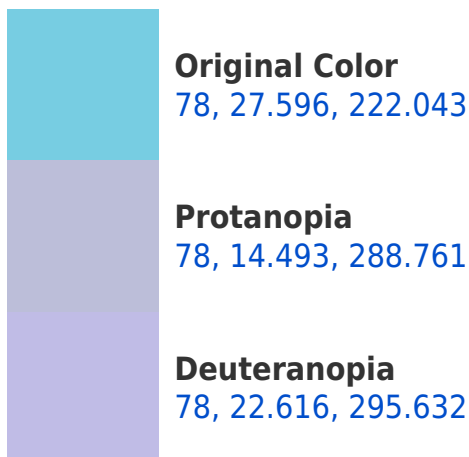


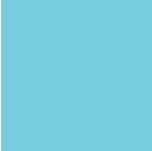
This preview shows how white text looks on a background with the CIELCh color 78, 27.596, 222.043.

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
78, 27.536, 215.950

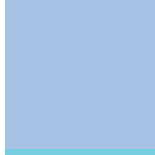
Trichromacy



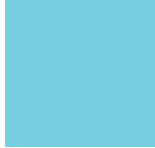
Original Color
78, 27.596, 222.043



Protanomaly
78, 16.600, 250.017



Deuteranomaly
77, 20.573, 265.509

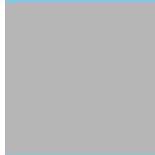


Tritanomaly
78, 27.702, 218.233

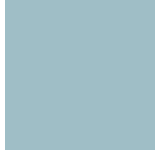
Monochromacy



Original Color
78, 27.596, 222.043



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 11.481, 220.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 27.596, 222.043 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(119, 205, 226)` looks like.

```
.text, #text, p{  
    color:rgb(119, 205, 226)  
}
```

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(119, 205, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 205, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 27.596, 222.043 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(119, 205, 226) }
```

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

```
.border{ border-color:rgb(119, 205, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 205, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 205, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 205, 226);  
box-shadow:4px 4px 4px 4px rgb(119, 205,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 27.596, 222.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 205, 226) }
```

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

```
.background{ background-color: rgb(119,  
205, 226) }
```

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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