

Converting Colors

CIELCh(77, 27.203, 223.401)

Have a look what the booklet for
CIELCh(77, 27.203, 223.401)
contains.

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Color

CIELCh(77, 27.293, 223.689)

Conversions

Conversions Part 1

Format	Color
Hex	76CAE0
RGB	118, 202, 224
RGB Percent	46%, 79%, 88%
CMY	0.5368, 0.2075, 0.1212
CMYK	0.47, 0.10, 0.00, 0.12
HSL	192°, 63%, 67%
HSV	192°, 47%, 88%
XYZ	42.0955, 51.5317, 78.3185
YIQ	179.3920, -57.1260, -10.9660

Conversions

Conversions Part 2

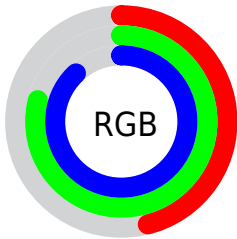
Format	Color
R _Y B	118, 165, 224
Decimal	7785184
CIE Lab	77.00, -19.74, -18.85
CIE LCh	77, 27.293, 223.689
Yxy	51.5317, 0.2448, 0.2997
Android (android.graphics.Color)	4285975264 (0xFF76CAE0)
YUV	179.3920, 21.9917, -53.8408
Hunter-Lab	71.7856, -20.9514, -14.4358

Details

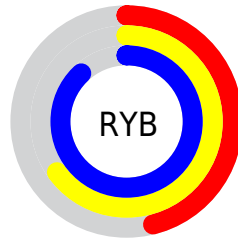
The CIELCh color **77, 27.293, 223.689** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **66, 38.850, 40.399**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.386, 197.852**, and **57, 27.269, 223.748** is the 20% darker color. If you saturate the color by 10%, you get **75, 31.333, 225.218**, and if you desaturate by 10%, it is **79, 22.530, 222.530**.

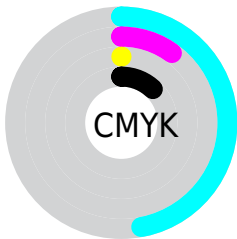
Distribution



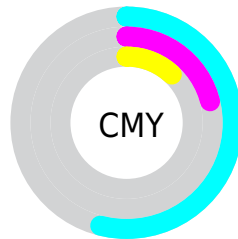
- Red (46%)
- Green (79%)
- Blue (88%)



- Red (46%)
- Yellow (65%)
- Blue (88%)



- Cyan (47%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (54%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 27.293, 223.689 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 77, 27.293, 223.689 by changing the saturation by 10% instead.

 77, 27.293,
223.689

 77, 27.293,
223.689


 100, 27.293,
223.689

 67, 27.293,
223.689

 97, 27.293,
223.689

 57, 27.293,
223.689

 47, 27.293,
223.689

 37, 27.293,
223.689

 27, 27.293,
223.689

 17, 27.293,
223.689

 7, 27.293, 223.689

0, 27.293, 223.689

77, 27.293,
223.689

77, 27.293,
223.689

75, 31.333,
225.218

79, 22.530,
222.530

73, 34.586,
227.208

82, 17.136,
221.677

71, 37.034,
229.743

84, 11.212,
221.071

69, 38.727,
232.900

87, 4.859, 220.701

68, 39.814,
236.702

90, 1.834, 39.966

67, 40.077,
237.775

93, 8.786, 40.039

94, 9.205, 55.677

■ 95, 9.659, 73.046

■ 97, 10.890, 87.597

Harmonies

Complementary

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



77, 27.293, 223.689



66, 38.850, 40.399

Rectangle

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



77, 27.293, 223.689



77, 27.293, 273.689



77, 27.293, 43.689



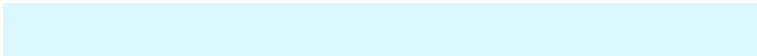
77, 27.293, 93.689

Sweetspot

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



77, 27.292, 223.687



96, 10.168, 220.924



81, 58.277, 146.364



50, 6.977, 221.021



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 27.292, 223.687



84, 34.590, 225.238



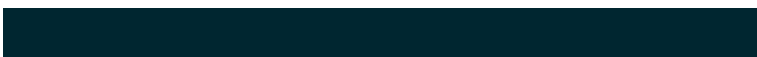
63, 42.080, 282.036



46, 3.764, 220.755



54, 33.384, 237.052



13, 13.549, 229.701

Inverse Universe

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



64, 57.949, 333.978



68, 75.560, 334.741



79, 41.443, 87.545



44, 7.059, 331.357



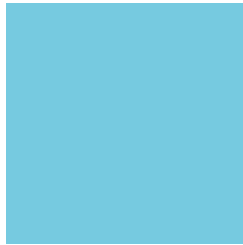
40, 74.542, 338.575



7, 31.219, 336.558

Previews

White Background



This preview shows how the CIELCh color 77, 27.293, 223.689 looks on a white background.

Color Contrast Check

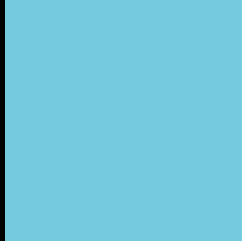
Large Text (above 18pt) WCAG AA × Fail

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 77, 27.293, 223.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

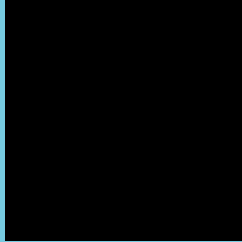
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 27.293, 223.689

Background



This preview shows how black text looks on a background with the CIELCh color 77, 27.293, 223.689.



This preview shows how white text looks on a background with the CIELCh color 77, 27.293, 223.689.

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
77, 27.072, 216.343

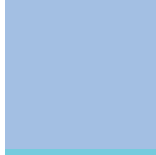
Trichromacy



Original Color
77, 27.293, 223.689



Protanomaly
77, 16.834, 252.228



Deuteranomaly
76, 21.095, 266.324

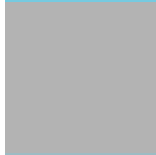


Tritanomaly
77, 27.247, 218.667

Monochromacy



Original Color
77, 27.293, 223.689



Achromatopsia
73, 0.009, 296.813



Achromatomaly
74, 11.199, 221.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 27.293, 223.689 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, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(118, 202, 224)  
}
```

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, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 202, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 27.293, 223.689 is called "border". The border property can be set on classes, ids or directly on the HTML element.

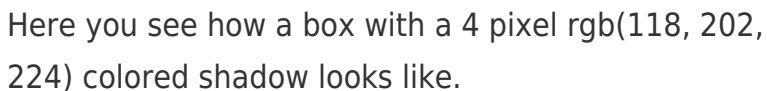
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 202, 224) }
```

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

```
.border{ border-color:rgb(118, 202, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 202, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 202, 224); box-shadow:4px 4px 4px 4px rgb(118, 202, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 27.293, 223.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 202, 224) }
```

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

```
.background{ background-color: rgb(118,  
202, 224) }
```

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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