

Converting Colors

CIELCh(78, 30.914, 239.598)

Have a look what the booklet for
CIELCh(78, 30.914, 239.598)
contains.

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Color

CIELCh(78, 30.789, 238.492)

Conversions

Conversions Part 1

Format	Color
Hex	76CCF1
RGB	118, 204, 241
RGB Percent	46%, 80%, 95%
CMY	0.5384, 0.2011, 0.0561
CMYK	0.51, 0.15, 0.00, 0.06
HSL	198°, 81%, 70%
HSV	198°, 51%, 94%
XYZ	44.7868, 53.2120, 90.8971
YIQ	182.5040, -63.1330, -6.7250

Conversions

Conversions Part 2

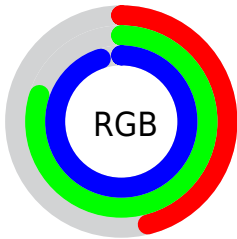
Format	Color
R _{YB}	118, 169, 241
Decimal	7785713
CIE Lab	78.00, -16.09, -26.25
CIE LCh	78, 30.789, 238.492
Yxy	53.2120, 0.2371, 0.2817
Android (android.graphics.Color)	4285975793 (0xFF76CCF1)
YUV	182.5040, 28.8385, -56.5700
Hunter-Lab	72.9466, -18.0633, -22.8174

Details

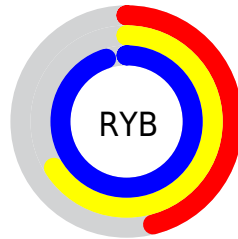
The CIELCh color **78, 30.789, 238.492** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **72, 43.251, 49.094**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.830, 197.886**, and **58, 30.757, 238.465** is the 20% darker color. If you saturate the color by 10%, you get **75, 35.220, 241.066**, and if you desaturate by 10%, it is **81, 25.741, 236.440**.

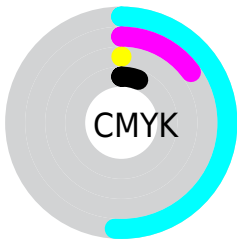
Distribution



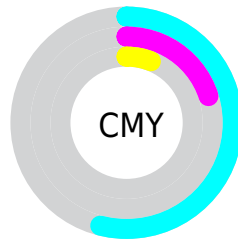
- Red (46%)
- Green (80%)
- Blue (95%)



- Red (46%)
- Yellow (66%)
- Blue (95%)



- Cyan (51%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)





- Cyan (54%)
- Magenta (20%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 30.789, 238.492 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, 30.789, 238.492 by changing the saturation by 10% instead.


 78, 30.789,
238.492

 78, 30.789,
238.492


 100, 30.789,
238.492


 68, 30.789,
238.492


 98, 30.789,
238.492

 58, 30.789,
238.492

 48, 30.789,
238.492

 38, 30.789,
238.492

 28, 30.789,
238.492

 18, 30.789,
238.492

 8, 30.789, 238.492

0, 30.789, 238.492

78, 30.789,
238.492

78, 30.789,
238.492

75, 35.220,
241.066

81, 25.741,
236.440

72, 39.022,
244.257

84, 20.136,
234.821

70, 42.241,
248.132

88, 14.051,
233.553

67, 45.010,
252.699

91, 7.569, 232.584

65, 47.307,
257.177

95, 0.770, 232.472

98, 4.291, 69.120

100, 6.928,
107.827

100, 7.236,
109.626

Harmonies

Complementary

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



78, 30.789, 238.492



72, 43.251, 49.094

Rectangle

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



78, 30.789, 238.492



78, 30.789, 288.492



78, 30.789, 58.492



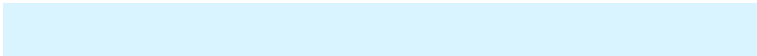
78, 30.789, 108.492

Sweetspot

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



78, 30.788, 238.491



94, 10.622, 232.932



86, 61.462, 149.358



50, 7.211, 233.137



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, 30.788, 238.491



79, 36.830, 241.091



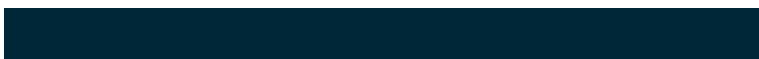
61, 55.330, 289.134



48, 3.874, 232.455



51, 38.296, 256.224



14, 15.765, 248.061

Inverse Universe

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



66, 61.851, 338.364



66, 75.025, 339.397



87, 51.300, 94.254



47, 6.973, 334.933



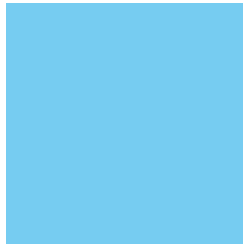
41, 72.098, 344.927



9, 32.358, 341.958

Previews

White Background



This preview shows how the CIELCh color 78, 30.789, 238.492 looks on a white background.

Color Contrast Check

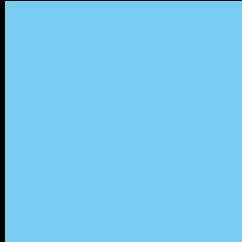
Large Text (above 18pt) WCAG AA × Fail

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, 30.789, 238.492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

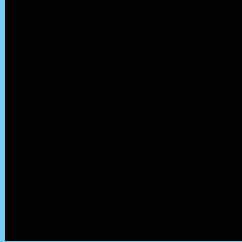
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 30.789, 238.492

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.789, 238.492.

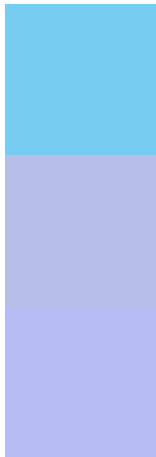


This preview shows how white text looks on a background with the CIELCh color 78, 30.789, 238.492.

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, 30.789, 238.492

Protanopia
78, 22.059, 286.105

Deuteranopia
78, 30.057, 289.805



Tritanopia
78, 29.072, 214.847

Trichromacy



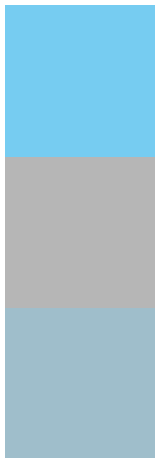
Original Color
78, 30.789, 238.492

Protanomaly
78, 23.887, 263.501

Deuteranomaly
78, 28.010, 269.661

Tritanomaly
78, 29.108, 222.973

Monochromacy



Original Color
78, 30.789, 238.492

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 12.555, 232.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.789, 238.492 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, 204, 241)` looks like.

```
.text, #text, p{  
    color:rgb(118, 204, 241)  
}
```

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, 204, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 204, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.789, 238.492 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, 204, 241) }
```

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

```
.border{ border-color:rgb(118, 204, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 204, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 204, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 204, 241);  
box-shadow:4px 4px 4px 4px rgb(118, 204,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.789, 238.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 204, 241) }
```

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

```
.background{ background-color: rgb(118,  
204, 241) }
```

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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