

Converting Colors

CIELCh(78, 33.808, 240.146)

Have a look what the booklet for
CIELCh(78, 33.808, 240.146)
contains.

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Color

CIELCh(78, 33.718, 240.288)

Conversions

Conversions Part 1

Format	Color
Hex	6CCCCF6
RGB	108, 204, 246
RGB Percent	42%, 80%, 96%
CMY	0.5751, 0.1988, 0.0341
CMYK	0.56, 0.17, 0.00, 0.03
HSL	198°, 89%, 70%
HSV	198°, 56%, 97%
XYZ	44.5727, 53.2120, 95.3636
YIQ	180.0840, -70.6980, -7.2900

Conversions

Conversions Part 2

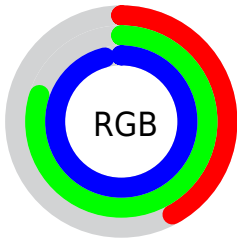
Format	Color
RYB	108, 165, 246
Decimal	7130358
CIELab	78.00, -16.71, -29.29
CIELCh	78, 33.718, 240.288
Yxy	53.2120, 0.2308, 0.2755
Android (android.graphics.Color)	4285320438 (0xFF6CCCF6)
YUV	180.0840, 32.4966, -63.2177
Hunter-Lab	72.9466, -18.5873, -26.4477

Details

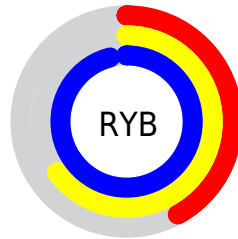
The CIELCh color **78, 33.718, 240.288** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **71, 49.140, 49.342**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.292, 197.735**, and **58, 33.836, 240.394** is the 20% darker color. If you saturate the color by 10%, you get **75, 37.945, 243.191**, and if you desaturate by 10%, it is **81, 28.856, 237.957**.

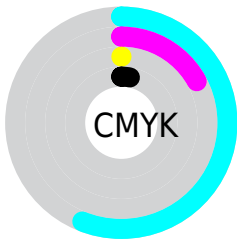
Distribution



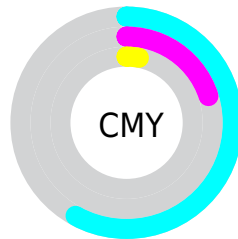
- Red (42%)
- Green (80%)
- Blue (96%)



- Red (42%)
- Yellow (65%)
- Blue (96%)



- Cyan (56%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)





- Cyan (58%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 33.718, 240.288 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, 33.718, 240.288 by changing the saturation by 10% instead.


 78, 33.718,
240.288

 78, 33.718,
240.288


 100, 33.718,
240.288


 68, 33.718,
240.288


 98, 33.718,
240.288

 58, 33.718,
240.288

 48, 33.718,
240.288

 38, 33.718,
240.288

 28, 33.718,
240.288

 18, 33.718,
240.288

 8, 33.718, 240.288

0, 33.718, 240.288

78, 33.718,
240.288

78, 33.718,
240.288

75, 37.945,
243.191

81, 28.856,
237.957

72, 41.557,
246.753

84, 23.401,
236.109

70, 44.643,
251.014

88, 17.422,
234.653

67, 47.384,
255.924

91, 11.002,
233.519

66, 48.472,
257.947

95, 4.223, 232.698

98, 2.506, 56.513

100, 4.393,

Harmonies

Complementary

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



78, 33.718, 240.288



71, 49.140, 49.342

Rectangle

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



78, 33.718, 240.288



78, 33.718, 290.288



78, 33.718, 60.288



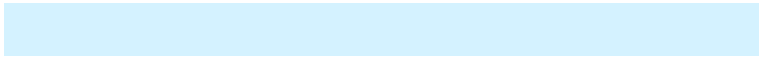
78, 33.718, 110.288

Sweetspot

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



78, 33.717, 240.287



94, 11.982, 233.621



88, 68.034, 148.659



49, 7.976, 233.831



0, 0.000, 0.000



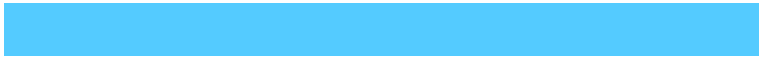
53, 0.007, 296.813

Same Dimension

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



78, 33.717, 240.287



77, 39.396, 243.552



59, 62.331, 290.392



49, 3.941, 232.937



51, 38.942, 256.976



15, 16.333, 249.184

Inverse Universe

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



66, 68.000, 339.042



63, 80.094, 340.278



88, 57.019, 93.626



48, 7.076, 335.090



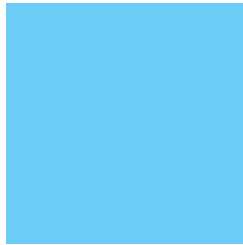
41, 72.655, 345.228



10, 33.170, 342.339

Previews

White Background



This preview shows how the CIELCh color 78, 33.718, 240.288 looks on a white background.

Color Contrast Check

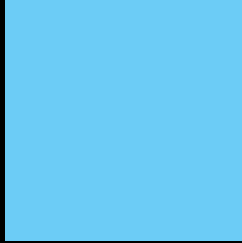
Large Text (above 18pt) WCAG AA × Fail

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, 33.718, 240.288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

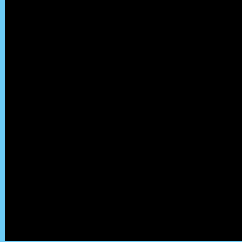
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 33.718, 240.288

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.718, 240.288.

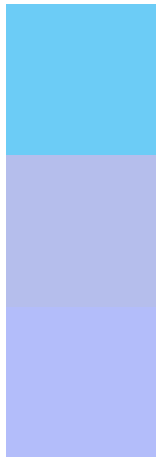


This preview shows how white text looks on a background with the CIELCh color 78, 33.718, 240.288.

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

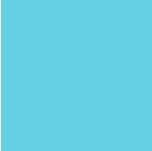
78, 33.718, 240.288

Protanopia

78, 24.769, 285.562

Deuteranopia

78, 32.768, 287.577



Tritanopia
78, 31.758, 214.203

Trichromacy



Original Color
78, 33.718, 240.288



Protanomaly
77, 26.665, 264.504



Deuteranomaly
78, 31.070, 268.589



Tritanomaly
78, 31.795, 223.812

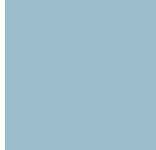
Monochromacy



Original Color
78, 33.718, 240.288



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 14.149, 233.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.718, 240.288 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(108, 204, 246)` looks like.

```
.text, #text, p{  
    color:rgb(108, 204, 246)  
}
```

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(108, 204, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 204, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.718, 240.288 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(108, 204, 246) }
```

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

```
.border{ border-color:rgb(108, 204, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 204, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 204, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 204, 246);  
box-shadow:4px 4px 4px 4px rgb(108, 204,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.718, 240.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 204, 246) }
```

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

```
.background{ background-color: rgb(108,  
204, 246) }
```

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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