

Converting Colors

CIELCh(78, 34.982, 242.787)

Have a look what the booklet for
CIELCh(78, 34.982, 242.787)
contains.

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Color

CIELCh(78, 35.133, 243.048)

Conversions

Conversions Part 1

Format	Color
Hex	6ACCFA
RGB	106, 204, 250
RGB Percent	42%, 80%, 98%
CMY	0.5839, 0.1996, 0.0192
CMYK	0.58, 0.18, 0.00, 0.02
HSL	199°, 94%, 70%
HSV	199°, 58%, 98%
XYZ	44.8445, 53.2120, 98.4341
YIQ	179.9420, -73.1740, -6.4700

Conversions

Conversions Part 2

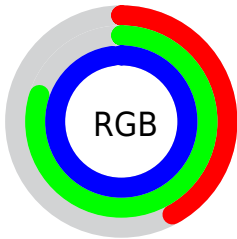
Format	Color
RYB	106, 164, 250
Decimal	6999290
CIELab	78.00, -15.92, -31.32
CIELCh	78, 35.133, 243.048
Yxy	53.2120, 0.2282, 0.2708
Android (android.graphics.Color)	4285189370 (0xFF6ACCFA)
YUV	179.9420, 34.5386, -64.8471
Hunter-Lab	72.9466, -17.9220, -28.9433

Details

The CIELCh color **78, 35.133, 243.048** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **72, 51.156, 50.690**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.559, 197.719**, and **58, 34.986, 242.564** is the 20% darker color. If you saturate the color by 10%, you get **75, 39.466, 246.163**, and if you desaturate by 10%, it is **81, 30.196, 240.528**.

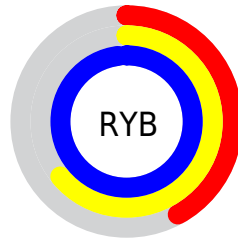
Distribution



Red (42%)

Green (80%)

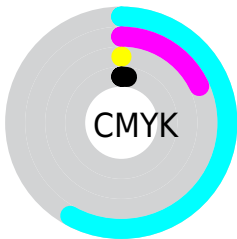
Blue (98%)



Red (42%)

Yellow (64%)

Blue (98%)

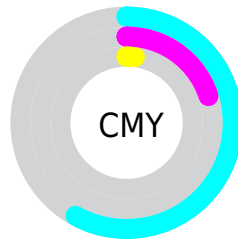


Cyan (58%)

Magenta (18%)

Yellow (0%)

Black (2%)



Cyan (58%)


Magenta (20%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 35.133, 243.048 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, 35.133, 243.048 by changing the saturation by 10% instead.


 78, 35.133,
243.048


 78, 35.133,
243.048


 100, 35.133,
243.048


 68, 35.133,
243.048


 98, 35.133,
243.048

 58, 35.133,
243.048

 48, 35.133,
243.048

 38, 35.133,
243.048

 28, 35.133,
243.048

 18, 35.133,
243.048

 8, 35.133, 243.048

0, 35.133, 243.048

78, 35.133,
243.048

78, 35.133,
243.048

75, 39.466,
246.163

81, 30.196,
240.528

72, 43.230,
249.947

85, 24.683,
238.514

69, 46.539,
254.420

88, 18.654,
236.915

67, 49.594,
259.481

92, 12.187,
235.658

66, 50.352,
260.718

95, 5.363, 234.708

99, 1.417, 62.889

100, 2.472,

Harmonies

Complementary

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



78, 35.133, 243.048



72, 51.156, 50.690

Rectangle

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



78, 35.133, 243.048



78, 35.133, 293.048



78, 35.133, 63.048



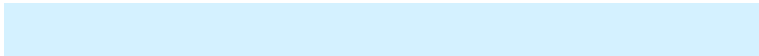
78, 35.133, 113.048

Sweetspot

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



78, 35.132, 243.047



94, 11.993, 235.597



89, 69.636, 149.052



49, 7.985, 235.822



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, 35.132, 243.047



76, 40.658, 246.687



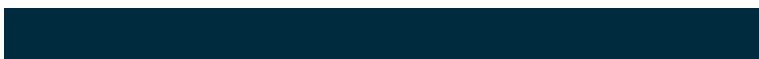
59, 66.478, 291.670



50, 4.009, 234.863



51, 40.357, 259.747



15, 17.137, 252.225

Inverse Universe

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



66, 69.737, 339.958



62, 80.899, 341.337



89, 59.986, 94.538



49, 7.120, 335.717



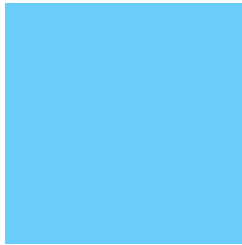
42, 72.703, 346.383



10, 33.748, 343.410

Previews

White Background



This preview shows how the CIE LCh color 78, 35.133, 243.048 looks on a white background.

Color Contrast Check

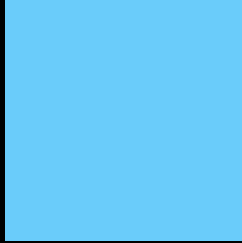
Large Text (above 18pt) WCAG AA × Fail

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, 35.133, 243.048 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

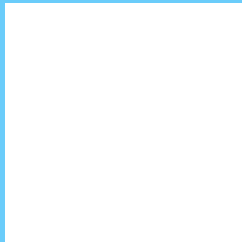
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 35.133, 243.048

Background



This preview shows how black text looks on a background with the CIELCh color 78, 35.133, 243.048.



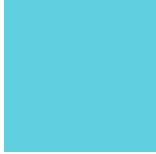
This preview shows how white text looks on a background with the CIELCh color 78, 35.133, 243.048.

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](#).

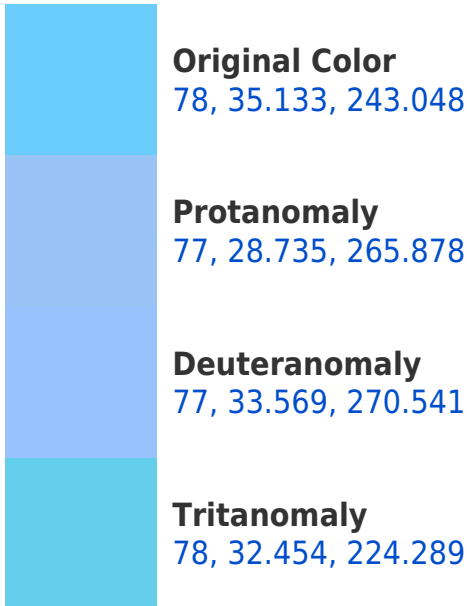
Dichromacy



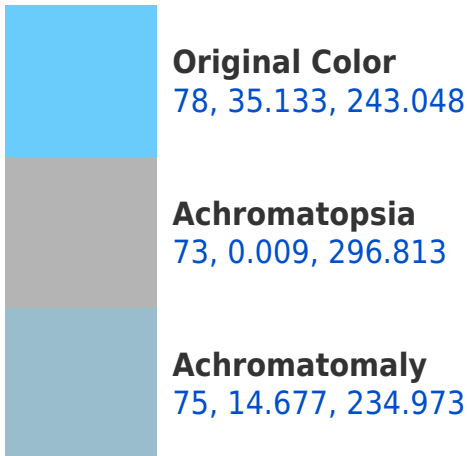


Tritanopia
78, 32.503, 213.760

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 35.133, 243.048 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(106, 204, 250)` looks like.

```
.text, #text, p{  
    color:rgb(106, 204, 250)  
}
```

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(106, 204, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 204, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 35.133, 243.048 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(106, 204, 250) }
```

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

```
.border{ border-color:rgb(106, 204, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 204, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 204, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 204, 250);  
box-shadow:4px 4px 4px 4px rgb(106, 204,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 35.133, 243.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 204, 250) }
```

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

```
.background{ background-color: rgb(106,  
204, 250) }
```

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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