

Converting Colors

CIELCh(78, 37.302, 255.005)

Have a look what the booklet for
CIELCh(78, 37.302, 255.005)
contains.

CIELCh(78, 35.934, 252.638)	3
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Color

CIELCh(78, 35.934, 252.638)

Conversions

Conversions Part 1

Format	Color
Hex	76CAFF
RGB	118, 202, 255
RGB Percent	46%, 79%, 100%
CMY	0.5381, 0.2089, 0.0000
CMYK	0.54, 0.21, 0.00, 0.00
HSL	203°, 100%, 73%
HSV	203°, 54%, 100%
XYZ	46.6662, 53.2120, 103.0546
YIQ	182.9260, -67.0770, -1.3250

Conversions

Conversions Part 2

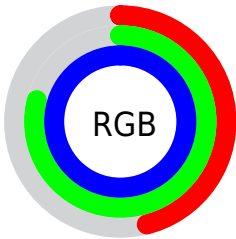
Format	Color
R _Y B	118, 170, 255
Decimal	7785215
CIE Lab	78.00, -10.72, -34.30
CIE LCh	78, 35.934, 252.638
Yxy	53.2120, 0.2300, 0.2622
Android (android.graphics.Color)	4285975295 (0xFF76CAFF)
YUV	182.9260, 35.5325, -56.9401
Hunter-Lab	72.9466, -13.4644, -32.6988

Details

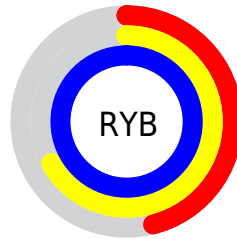
The CIELCh color **78, 35.934, 252.638** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **77, 47.211, 57.505**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.551, 197.904**, and **58, 35.528, 251.924** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.085, 255.354**, and if you desaturate by 10%, it is **82, 29.807, 249.470**.

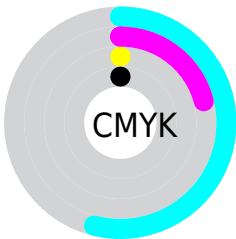
Distribution



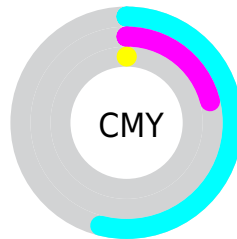
- Red (46%)
- Green (79%)
- Blue (100%)



- Red (46%)
- Yellow (67%)
- Blue (100%)



- Cyan (54%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (54%)
- Magenta (21%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 35.934, 252.638 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, 35.934, 252.638 by changing the saturation by 10% instead.


 78, 35.934,
252.638


 78, 35.934,
252.638


 100, 35.934,
252.638


 68, 35.934,
252.638


 98, 35.934,
252.638

 58, 35.934,
252.638

 48, 35.934,
252.638

 38, 35.934,
252.638

 28, 35.934,
252.638

 18, 35.934,
252.638

 8, 35.934, 252.638

0, 35.934, 252.638

78, 35.934,
252.638

78, 35.934,
252.638

74, 41.085,
255.354

82, 29.807,
249.470

71, 46.123,
259.196

86, 23.545,
247.297

67, 50.877,
263.653

90, 16.916,
245.531

64, 55.517,
268.624

94, 9.980, 244.106

62, 58.448,
271.792

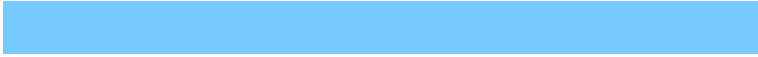
98, 2.796, 243.061

100, 0.012,
296.813

Harmonies

Complementary

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



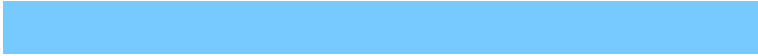
78, 35.934, 252.638



77, 47.211, 57.505

Rectangle

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



78, 35.934, 252.638



78, 35.934, 302.638



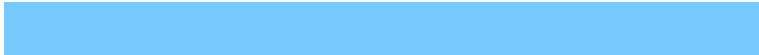
78, 35.934, 72.638



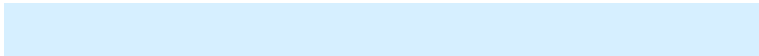
78, 35.934, 122.638

Sweetspot

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



78, 35.658, 252.130



93, 11.522, 244.391



91, 63.078, 152.287



49, 7.753, 244.673



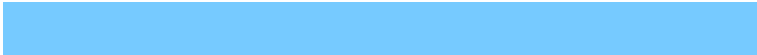
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 35.658, 252.130



74, 41.704, 255.778



60, 68.168, 293.880



51, 4.136, 243.591



48, 46.443, 270.834



15, 19.520, 263.605

Inverse Universe

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



68, 64.159, 343.132



64, 74.589, 344.688



94, 60.457, 99.074



50, 6.894, 338.770



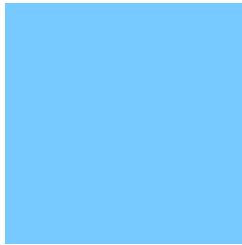
42, 70.735, 351.976



11, 33.341, 348.133

Previews

White Background



This preview shows how the CIELCh color 78, 35.934, 252.638 looks on a white background.

Color Contrast Check

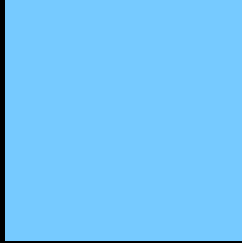
Large Text (above 18pt) WCAG AA × Fail

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, 35.934, 252.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

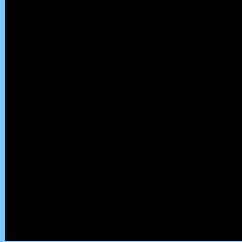
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

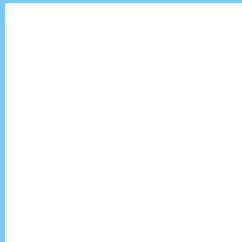
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 35.934, 252.638

Background



This preview shows how black text looks on a background with the CIELCh color 78, 35.934, 252.638.

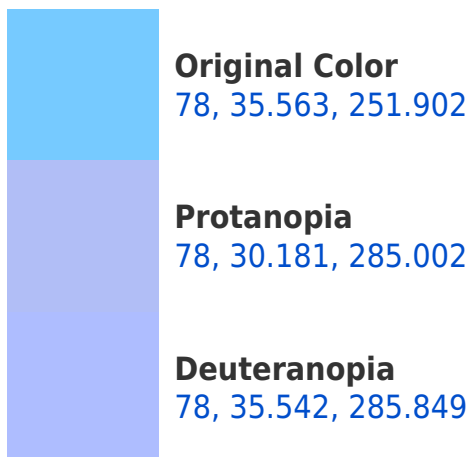


This preview shows how white text looks on a background with the CIELCh color 78, 35.934, 252.638.

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](#).

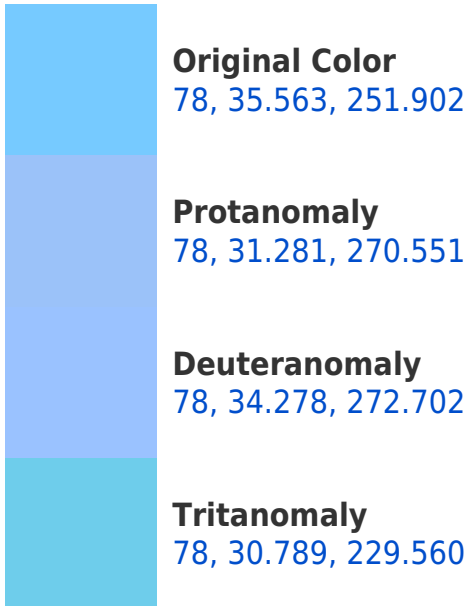
Dichromacy



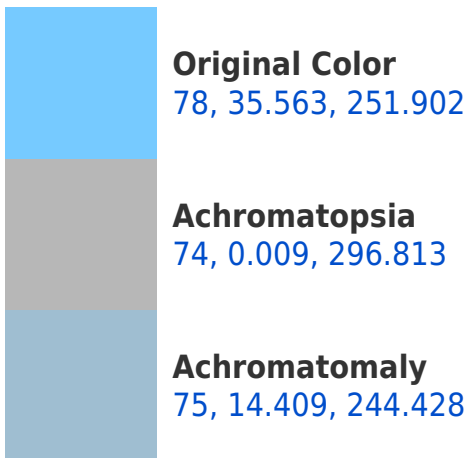


Tritanopia
78, 30.373, 215.089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 35.934, 252.638 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(118, 202, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 202, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 35.934, 252.638 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, 255) }
```

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

```
.border{ border-color:rgb(118, 202, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(118, 202,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 35.934, 252.638 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, 255) }
```

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

```
.background{ background-color: rgb(118,  
202, 255) }
```

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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