

Converting Colors

CIELCh(79, 49.651, 265.393)

Have a look what the booklet for
CIELCh(79, 49.651, 265.393)
contains.

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Color

CIELCh(78, 36.983, 247.583)

Conversions

Conversions Part 1

Format	Color
Hex	6ACBFF
RGB	106, 203, 255
RGB Percent	42%, 80%, 100%
CMY	0.5862, 0.2021, 0.0000
CMYK	0.59, 0.20, 0.00, 0.00
HSL	201°, 100%, 71%
HSV	201°, 59%, 100%
XYZ	45.4767, 53.2120, 102.8839
YIQ	179.9250, -74.5040, -4.3920

Conversions

Conversions Part 2

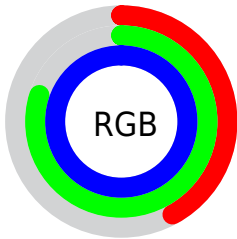
Format	Color
R _Y B	106, 165, 255
Decimal	6999039
CIE Lab	78.00, -14.10, -34.19
CIE LCh	78, 36.983, 247.583
Yxy	53.2120, 0.2256, 0.2640
Android (android.graphics.Color)	4285189119 (0xFF6ACBFF)
YUV	179.9250, 37.0120, -64.8322
Hunter-Lab	72.9466, -16.3751, -32.5601

Details

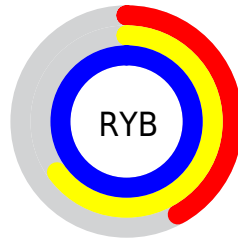
The CIELCh color **78, 36.983, 247.583** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **74, 52.700, 53.001**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.559, 197.719**, and **58, 36.807, 247.703** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.466, 250.586**, and if you desaturate by 10%, it is **81, 31.649, 244.510**.

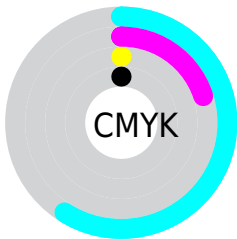
Distribution



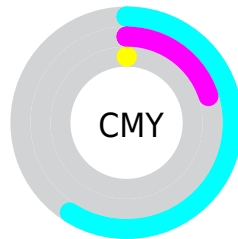
- Red (42%)
- Green (80%)
- Blue (100%)



- Red (42%)
- Yellow (65%)
- Blue (100%)



- Cyan (59%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (59%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 36.983, 247.583 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, 36.983, 247.583 by changing the saturation by 10% instead.


 78, 36.983,
247.583


 78, 36.983,
247.583


 100, 36.983,
247.583


 68, 36.983,
247.583


 98, 36.983,
247.583

 58, 36.983,
247.583

 48, 36.983,
247.583

 38, 36.983,
247.583

 28, 36.983,
247.583

 18, 36.983,
247.583

 8, 36.983, 247.583

0, 36.983, 247.583

78, 36.983,
247.583

78, 36.983,
247.583

75, 41.466,
250.586

81, 31.649,
244.510

72, 45.617,
254.594

85, 25.940,
242.301

69, 49.411,
259.255

89, 19.749,
240.529

66, 53.070,
264.409

93, 13.146,
239.117

66, 53.592,
265.113

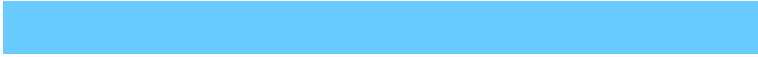
97, 6.204, 238.020

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.



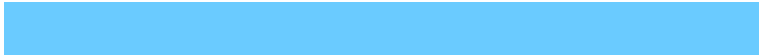
78, 36.983, 247.583



74, 52.700, 53.001

Rectangle

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



78, 36.983, 247.583



78, 36.983, 297.583



78, 36.983, 67.583



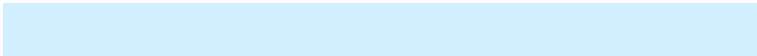
78, 36.983, 117.583

Sweetspot

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



78, 36.827, 247.243



93, 12.726, 239.040



90, 70.898, 149.529



48, 8.788, 239.412



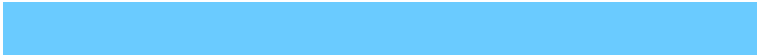
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 36.827, 247.243



74, 42.067, 251.100



58, 70.398, 292.781



51, 4.087, 238.104



50, 42.683, 264.134



16, 18.264, 256.878

Inverse Universe

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



66, 70.743, 341.394



62, 80.396, 342.902



91, 62.752, 95.488



50, 7.109, 336.807



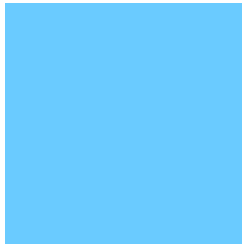
42, 72.342, 348.387



11, 34.116, 345.188

Previews

White Background



This preview shows how the CIELCh color 78, 36.983, 247.583 looks on a white background.

Color Contrast Check

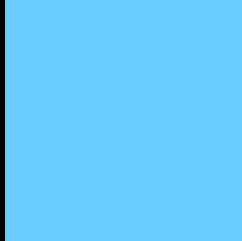
Large Text (above 18pt) WCAG AA × Fail

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, 36.983, 247.583 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

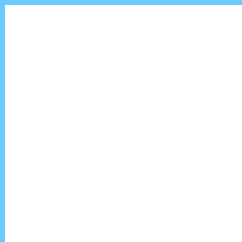
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 36.983, 247.583

Background



This preview shows how black text looks on a background with the CIELCh color 78, 36.983, 247.583.



This preview shows how white text looks on a background with the CIELCh color 78, 36.983, 247.583.

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, 33.245, 213.329

Trichromacy



Original Color
78, 36.859, 247.814

Protanomaly
78, 31.171, 268.115

Deuteranomaly
77, 34.706, 270.572

Tritanomaly
78, 33.221, 226.807

Monochromacy



Original Color
78, 36.859, 247.814

Achromatopsia
73, 0.009, 296.813

Achromatomaly
75, 15.255, 238.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 36.983, 247.583 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, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(106, 203, 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(106, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 203, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 36.983, 247.583 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, 203, 255) }
```

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

```
.border{ border-color:rgb(106, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(106, 203,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 36.983, 247.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 203, 255) }
```

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

```
.background{ background-color: rgb(106,  
203, 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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