

Converting Colors

CIELCh(78, 38.548, 227.521)

Have a look what the booklet for
CIELCh(78, 38.548, 227.521)
contains.

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Color

CIELCh(78, 38.599, 227.653)

Conversions

Conversions Part 1

Format	Color
Hex	43D1F5
RGB	67, 209, 245
RGB Percent	26%, 82%, 96%
CMY	0.7389, 0.1815, 0.0404
CMYK	0.73, 0.15, 0.00, 0.04
HSL	192°, 90%, 61%
HSV	192°, 73%, 96%
XYZ	41.4510, 53.2120, 94.2358
YIQ	170.6460, -96.1880, -18.9080

Conversions

Conversions Part 2

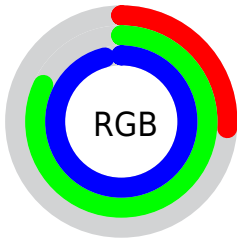
Format	Color
R _Y B	67, 146, 245
Decimal	4444661
CIE Lab	78.00, -26.00, -28.53
CIE LCh	78, 38.599, 227.653
Yxy	53.2120, 0.2194, 0.2817
Android (android.graphics.Color)	4282634741 (0xFF43D1F5)
YUV	170.6460, 36.6565, -90.8975
Hunter-Lab	72.9466, -26.2260, -25.5310

Details

The CIELCh color **78, 38.599, 227.653** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **61, 70.521, 41.844**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 34.920, 197.274**, and **59, 34.876, 232.392** is the 20% darker color. If you saturate the color by 10%, you get **76, 40.698, 230.477**, and if you desaturate by 10%, it is **80, 35.637, 225.415**.

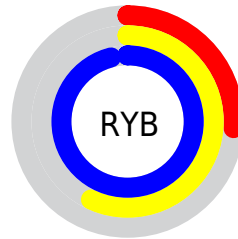
Distribution



Red (26%)

Green (82%)

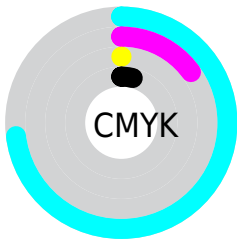
Blue (96%)



Red (26%)

Yellow (57%)

Blue (96%)

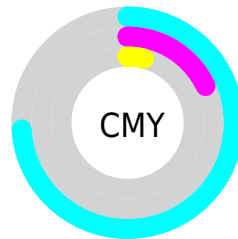


Cyan (73%)

Magenta (15%)

Yellow (0%)

Black (4%)



Cyan (74%)


Magenta (18%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 38.599, 227.653 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, 38.599, 227.653 by changing the saturation by 10% instead.


 78, 38.599,
227.653


 78, 38.599,
227.653


 100, 38.599,
227.653


 68, 38.599,
227.653


 98, 38.599,
227.653

 58, 38.599,
227.653

 48, 38.599,
227.653

 38, 38.599,
227.653

 28, 38.599,
227.653

 18, 38.599,
227.653

 8, 38.599, 227.653

■ 0, 38.599, 227.653

■ 78, 38.599,
227.653

■ 78, 38.599,
227.653

■ 76, 40.698,
230.477

■ 80, 35.637,
225.415

■ 74, 42.043,
233.949

■ 82, 31.796,
223.681

■ 73, 42.713,
236.787

■ 85, 27.120,
222.362

■ 87, 21.698,
221.382

■ 90, 15.634,
220.675

■ 93, 9.041, 220.197

■ 96, 2.025, 220.096

■ 98, 2.978, 56.750

■ 99, 4.348, 101.457

Harmonies

Complementary

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



78, 38.599, 227.653



61, 70.521, 41.844

Rectangle

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



78, 38.599, 227.653



78, 38.599, 277.653



78, 38.599, 47.653



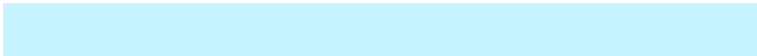
78, 38.599, 97.653

Sweetspot

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



78, 38.598, 227.652



93, 15.640, 220.632



86, 90.758, 142.676



49, 10.415, 220.795



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, 38.598, 227.652



78, 42.684, 231.923



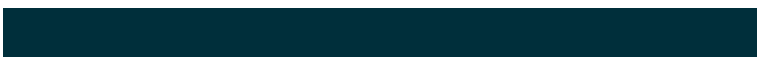
53, 71.870, 289.628



50, 4.053, 220.090



57, 34.721, 236.036



17, 15.296, 230.194

Inverse Universe

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



60, 87.242, 335.769



59, 97.104, 337.098



80, 67.240, 83.729



48, 7.612, 331.167



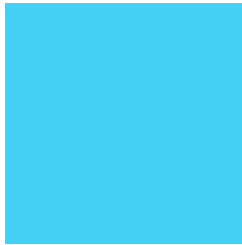
42, 77.995, 338.288



10, 35.379, 336.697

Previews

White Background



This preview shows how the CIELCh color 78, 38.599, 227.653 looks on a white background.

Color Contrast Check

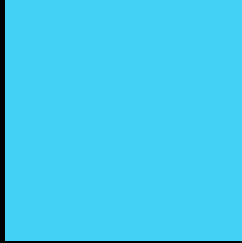
Large Text (above 18pt) WCAG AA × Fail

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, 38.599, 227.653 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, 38.599, 227.653

Background



This preview shows how black text looks on a background with the CIELCh color 78, 38.599, 227.653.

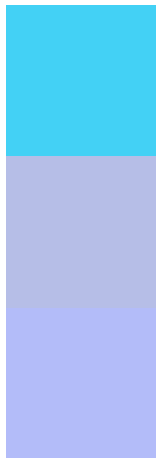


This preview shows how white text looks on a background with the CIELCh color 78, 38.599, 227.653.

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](#).

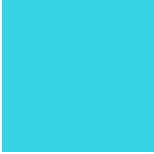
Dichromacy



Original Color
78, 38.599, 227.653

Protanopia
78, 22.089, 285.256

Deuteranopia
78, 32.778, 288.135



Tritanopia
78, 38.901, 211.424

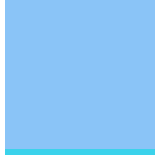
Trichromacy



Original Color
78, 38.599, 227.653



Protanomaly
77, 26.563, 251.098



Deuteranomaly
77, 31.521, 259.729

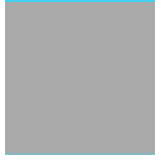


Tritanomaly
78, 38.497, 217.662

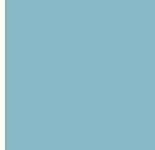
Monochromacy



Original Color
78, 38.599, 227.653



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 18.338, 221.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 38.599, 227.653 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(67, 209, 245)` looks like.

```
.text, #text, p{  
    color:rgb(67, 209, 245)  
}
```

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(67, 209, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 209, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 38.599, 227.653 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(67, 209, 245) }
```

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

```
.border{ border-color:rgb(67, 209, 245) }
```

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

Here you see how a box with a 4 pixel rgb(67, 209, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 209, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 209, 245);  
box-shadow:4px 4px 4px 4px rgb(67, 209,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 38.599, 227.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 209, 245) }
```

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

```
.background{ background-color: rgb(67, 209,  
245) }
```

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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