

Converting Colors

CIELCh(78, 36.280, 247.509)

Have a look what the booklet for
CIELCh(78, 36.280, 247.509)
contains.

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Color

CIELCh(78, 36.279, 247.572)

Conversions

Conversions Part 1

Format	Color
Hex	6CCBFE
RGB	108, 203, 254
RGB Percent	42%, 80%, 100%
CMY	0.5753, 0.2029, 0.0029
CMYK	0.57, 0.20, 0.00, 0.00
HSL	201°, 99%, 71%
HSV	201°, 57%, 100%
XYZ	45.5682, 53.2120, 101.8596
YIQ	180.4090, -72.9910, -4.2790

Conversions

Conversions Part 2

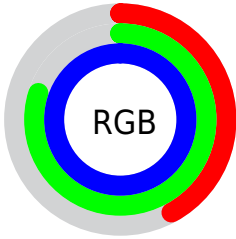
Format	Color
R _{YB}	108, 166, 254
Decimal	7130110
CIE Lab	78.00, -13.84, -33.53
CIE LCh	78, 36.279, 247.572
Yxy	53.2120, 0.2271, 0.2652
Android (android.graphics.Color)	4285320190 (0xFF6CCBFE)
YUV	180.4090, 36.2804, -63.5027
Hunter-Lab	72.9466, -16.1513, -31.7276

Details

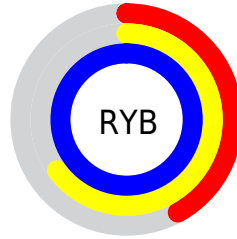
The CIELCh color **78, 36.279, 247.572** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **74, 51.220, 53.497**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.023, 197.751**, and **58, 36.210, 247.412** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.027, 250.860**, and if you desaturate by 10%, it is **81, 31.001, 244.883**.

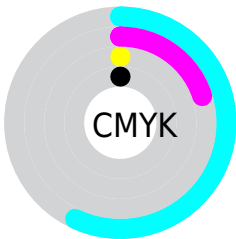
Distribution



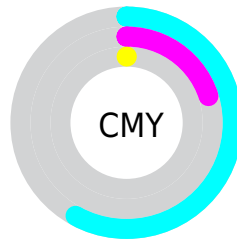
- Red (42%)
- Green (80%)
- Blue (100%)



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



- Cyan (57%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (58%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 36.279, 247.572 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, 36.279, 247.572 by changing the saturation by 10% instead.


 78, 36.279,
247.572


 78, 36.279,
247.572


 100, 36.279,
247.572


 68, 36.279,
247.572


 98, 36.279,
247.572

 58, 36.279,
247.572

 48, 36.279,
247.572

 38, 36.279,
247.572

 28, 36.279,
247.572

 18, 36.279,
247.572

 8, 36.279, 247.572

■ 0, 36.279, 247.572

■ 78, 36.279,
247.572

■ 78, 36.279,
247.572

■ 75, 41.027,
250.860

■ 81, 31.001,
244.883

■ 72, 45.294,
254.806

■ 85, 25.211,
242.709

■ 69, 49.201,
259.405

■ 89, 18.957,
240.963

■ 66, 52.950,
264.532

■ 93, 12.308,
239.571

■ 65, 53.949,
265.859

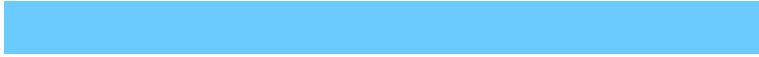
■ 97, 5.337, 238.497

100, 0.360,
109.936

Harmonies

Complementary

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



78, 36.279, 247.572



74, 51.220, 53.497

Rectangle

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



78, 36.279, 247.572



78, 36.279, 297.572



78, 36.279, 67.572



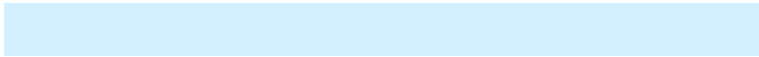
78, 36.279, 117.572

Sweetspot

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



78, 36.278, 247.572



93, 12.057, 239.521



90, 69.454, 149.714



49, 8.032, 239.773



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, 36.278, 247.572



74, 41.831, 251.447



59, 68.631, 292.465



51, 4.090, 238.692



50, 43.054, 264.890



15, 18.385, 257.626

Inverse Universe

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



67, 69.203, 341.491



62, 79.450, 343.022



91, 61.434, 95.633



50, 7.086, 337.010



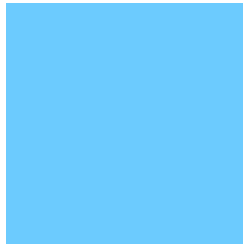
42, 72.156, 348.758



11, 34.029, 345.492

Previews

White Background



This preview shows how the CIE LCh color 78, 36.279, 247.572 looks on a white background.

Color Contrast Check

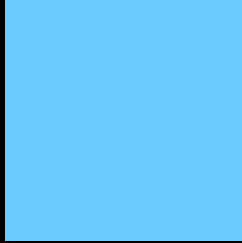
Large Text (above 18pt) WCAG AA × Fail

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, 36.279, 247.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

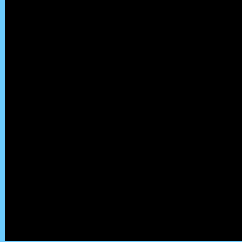
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

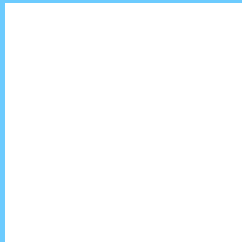
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 36.279, 247.572

Background



This preview shows how black text looks on a background with the CIELCh color 78, 36.279, 247.572.

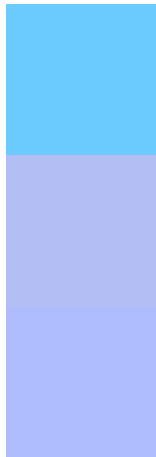


This preview shows how white text looks on a background with the CIELCh color 78, 36.279, 247.572.

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

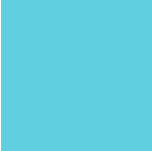
78, 36.279, 247.572

Protanopia

78, 29.093, 285.194

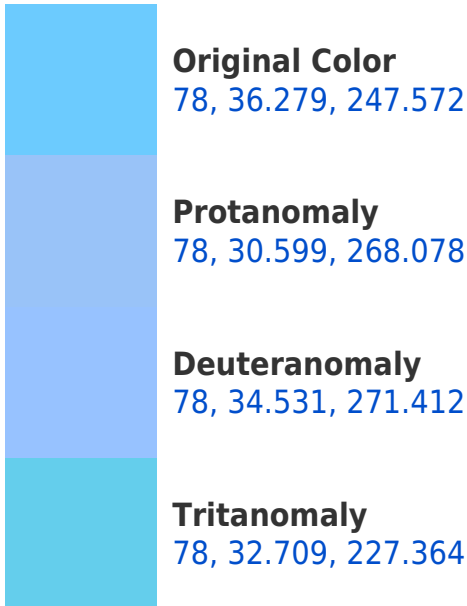
Deuteranopia

78, 35.513, 286.330

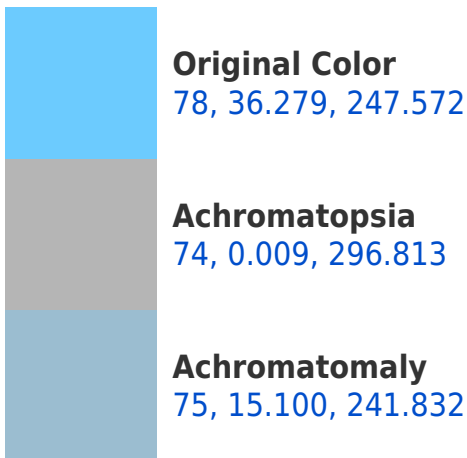


Tritanopia
78, 32.503, 213.760

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 36.279, 247.572 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, 203, 254)` looks like.

```
.text, #text, p{  
    color:rgb(108, 203, 254)  
}
```

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, 203, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 203, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 36.279, 247.572 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, 203, 254) }
```

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

```
.border{ border-color:rgb(108, 203, 254) }
```

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

Here you see how a box with a 4 pixel rgb(108, 203, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 203, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 203, 254);  
box-shadow:4px 4px 4px 4px rgb(108, 203,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 36.279, 247.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 203, 254) }
```

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

```
.background{ background-color: rgb(108,  
203, 254) }
```

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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