

Converting Colors

CIELCh(76, 34.886, 247.269)

Have a look what the booklet for
CIELCh(76, 34.886, 247.269)
contains.

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Color

CIELCh(76, 34.972, 247.732)

Conversions

Conversions Part 1

Format	Color
Hex	6BC5F6
RGB	107, 197, 246
RGB Percent	42%, 77%, 96%
CMY	0.5791, 0.2263, 0.0341
CMYK	0.56, 0.20, 0.00, 0.03
HSL	201°, 89%, 69%
HSV	201°, 56%, 97%
XYZ	42.8196, 49.8872, 94.8123
YIQ	175.6760, -69.3690, -3.8410

Conversions

Conversions Part 2

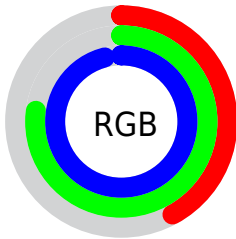
Format	Color
RYB	107, 162, 246
Decimal	7063030
CIELab	76.00, -13.25, -32.36
CIElCh	76, 34.972, 247.732
Yxy	49.8872, 0.2283, 0.2660
Android (android.graphics.Color)	4285253110 (0xFF6BC5F6)
YUV	175.6760, 34.6697, -60.2289
Hunter-Lab	70.6309, -15.3893, -30.1471

Details

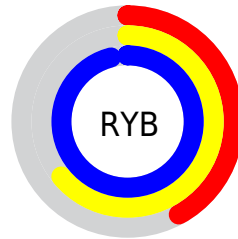
The CIELCh color **76, 34.972, 247.732** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **73, 48.843, 53.862**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 27.229, 198.831**, and **56, 35.221, 248.400** is the 20% darker color. If you saturate the color by 10%, you get **73, 39.692, 250.961**, and if you desaturate by 10%, it is **79, 29.744, 245.090**.

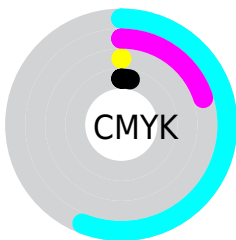
Distribution



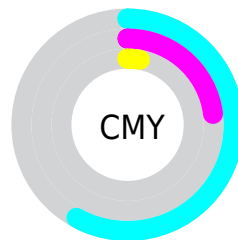
- Red (42%)
- Green (77%)
- Blue (96%)



- Red (42%)
- Yellow (64%)
- Blue (96%)



- Cyan (56%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)



- Cyan (58%)
- Magenta (23%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 34.972, 247.732 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 76, 34.972, 247.732 by changing the saturation by 10% instead.

■ 76, 34.972,
247.732

■ 76, 34.972,
247.732

■ 100, 34.972,
247.732

■ 66, 34.972,
247.732

■ 96, 34.972,
247.732

■ 56, 34.972,
247.732

■ 46, 34.972,
247.732

■ 36, 34.972,
247.732

■ 26, 34.972,
247.732

■ 16, 34.972,
247.732

■ 6, 34.972, 247.732

0, 34.972, 247.732

76, 34.972,
247.732

76, 34.972,
247.732

73, 39.692,
250.961

79, 29.744,
245.090

70, 43.946,
254.841

83, 24.028,
242.954

67, 47.844,
259.372

87, 17.874,
241.237

64, 51.570,
264.451

91, 11.348,
239.865

63, 52.935,
266.283

94, 4.520, 238.819

98, 2.510, 58.195

100, 4.394,

Harmonies

Complementary

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



76, 34.972, 247.732



73, 48.843, 53.862

Rectangle

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



76, 34.972, 247.732



76, 34.972, 297.732



76, 34.972, 67.732



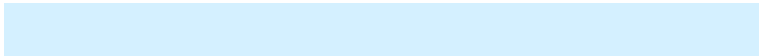
76, 34.972, 117.732

Sweetspot

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



76, 34.971, 247.732



93, 12.068, 239.940



88, 65.774, 150.537



49, 8.039, 240.194



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 34.971, 247.732



75, 41.524, 251.575



57, 67.009, 292.983



49, 3.958, 239.097



48, 42.401, 265.305



14, 17.358, 257.267

Inverse Universe

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



65, 66.374, 341.531



63, 78.549, 343.062



89, 59.734, 96.807



48, 6.837, 337.149



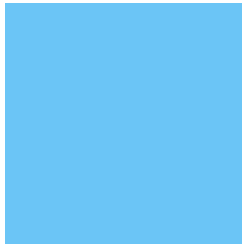
41, 70.619, 348.964



9, 32.271, 345.345

Previews

White Background



This preview shows how the CIELCh color 76, 34.972, 247.732 looks on a white background.

Color Contrast Check

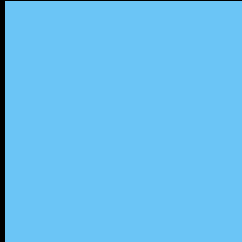
Large Text (above 18pt) WCAG AA × Fail

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 76, 34.972, 247.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

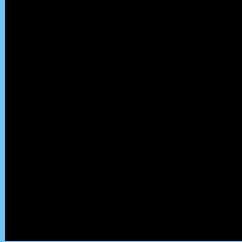
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

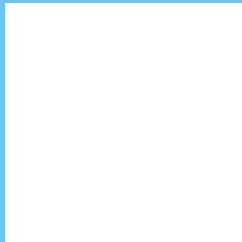
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 34.972, 247.732

Background



This preview shows how black text looks on a background with the CIELCh color 76, 34.972, 247.732.

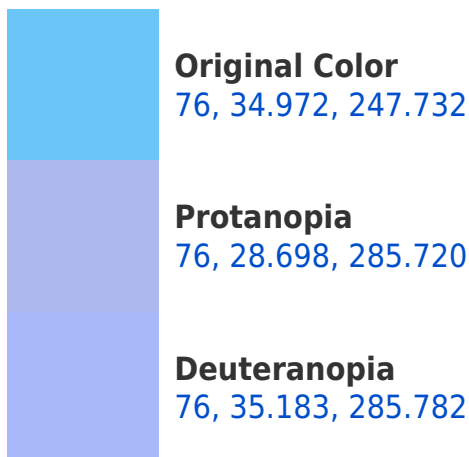


This preview shows how white text looks on a background with the CIELCh color 76, 34.972, 247.732.

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



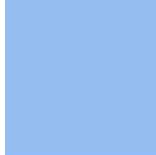


Tritanopia
76, 31.265, 214.569

Trichromacy



Original Color
76, 34.972, 247.732



Protanomaly
75, 29.585, 268.221



Deuteranomaly
76, 33.610, 271.163



Tritanomaly
76, 31.435, 227.766

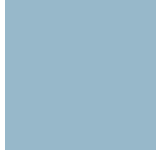
Monochromacy



Original Color
76, 34.972, 247.732



Achromatopsia
72, 0.009, 296.813



Achromatomaly
73, 14.590, 241.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 34.972, 247.732 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(107, 197, 246)` looks like.

```
.text, #text, p{  
    color:rgb(107, 197, 246)  
}
```

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(107, 197, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 197, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 34.972, 247.732 is called "border". The border property can be set on classes, ids or directly on the HTML element.

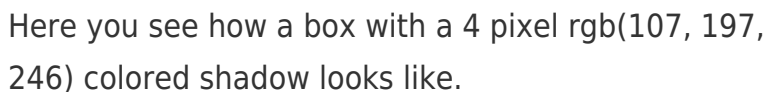
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 197, 246) }
```

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

```
.border{ border-color:rgb(107, 197, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 197, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 197, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 197, 246); box-shadow:4px 4px 4px 4px rgb(107, 197, 246) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 34.972, 247.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 197, 246) }
```

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

```
.background{ background-color: rgb(107,  
197, 246) }
```

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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