

Converting Colors

CIELCh(76, 35.691, 243.271)

Have a look what the booklet for
CIELCh(76, 35.691, 243.271)
contains.

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Color

CIELCh(76, 35.501, 242.699)

Conversions

Conversions Part 1

Format	Color
Hex	62C7F5
RGB	98, 199, 245
RGB Percent	38%, 78%, 96%
CMY	0.6168, 0.2206, 0.0402
CMYK	0.60, 0.19, 0.00, 0.04
HSL	199°, 88%, 67%
HSV	199°, 60%, 96%
XYZ	41.8119, 49.8872, 93.6002
YIQ	174.0450, -74.9620, -7.1060

Conversions

Conversions Part 2

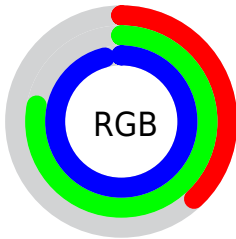
Format	Color
R _Y B	98, 158, 245
Decimal	6473717
CIE Lab	76.00, -16.28, -31.55
CIE LCh	76, 35.501, 242.699
Yxy	49.8872, 0.2256, 0.2692
Android (android.graphics.Color)	4284663797 (0xFF62C7F5)
YUV	174.0450, 34.9808, -66.6915
Hunter-Lab	70.6309, -17.9361, -29.1296

Details

The CIELCh color **76, 35.501, 242.699** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **70, 53.021, 50.016**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.391, 197.607**, and **56, 35.628, 243.190** is the 20% darker color. If you saturate the color by 10%, you get **73, 39.542, 245.920**, and if you desaturate by 10%, it is **79, 30.850, 240.090**.

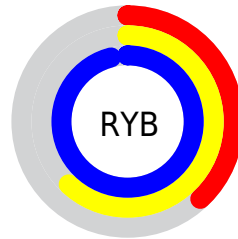
Distribution



Red (38%)

Green (78%)

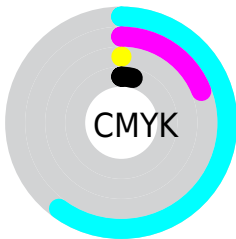
Blue (96%)



Red (38%)

Yellow (62%)

Blue (96%)

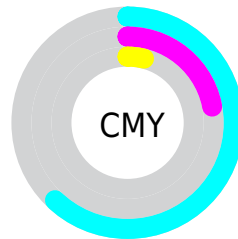


Cyan (60%)

Magenta (19%)

Yellow (0%)

Black (4%)



Cyan (62%)


Magenta (22%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 35.501, 242.699 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, 35.501, 242.699 by changing the saturation by 10% instead.


 76, 35.501,
242.699


 76, 35.501,
242.699


 100, 35.501,
242.699


 66, 35.501,
242.699


 96, 35.501,
242.699

 56, 35.501,
242.699

 46, 35.501,
242.699

 36, 35.501,
242.699

 26, 35.501,
242.699

 16, 35.501,
242.699

 6, 35.501, 242.699

0, 35.501, 242.699

76, 35.501,
242.699

76, 35.501,
242.699

73, 39.542,
245.920

79, 30.850,
240.090

70, 43.024,
249.822

82, 25.607,
238.005

68, 46.074,
254.410

86, 19.829,
236.352

65, 48.920,
259.452

89, 13.591,
235.051

93, 6.974, 234.053

96, 0.057, 243.363

99, 3.954, 96.053

100, 5.193,
109.775

Harmonies

Complementary

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



76, 35.501, 242.699



70, 53.021, 50.016

Rectangle

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



76, 35.501, 242.699



76, 35.501, 292.699



76, 35.501, 62.699



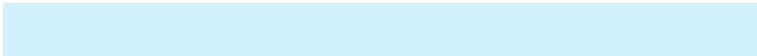
76, 35.501, 112.699

Sweetspot

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



76, 35.500, 242.699



93, 12.662, 234.824



87, 71.971, 148.058



49, 8.737, 235.153



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, 35.500, 242.699



75, 41.586, 246.676



56, 66.969, 291.469



49, 3.941, 234.004



51, 39.479, 258.496



15, 16.487, 250.634

Inverse Universe

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



63, 71.203, 339.890



62, 83.371, 341.365



87, 60.502, 93.114



48, 7.034, 335.435



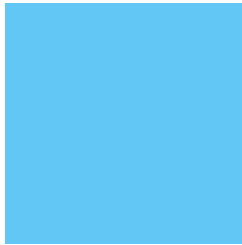
41, 72.279, 345.852



10, 33.008, 342.842

Previews

White Background



This preview shows how the CIELCh color 76, 35.501, 242.699 looks on a white background.

Color Contrast Check

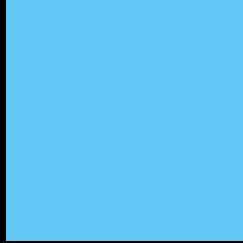
Large Text (above 18pt) WCAG AA × Fail

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, 35.501, 242.699 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

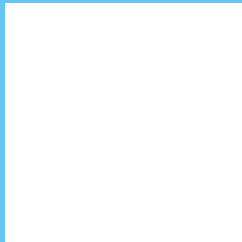
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 35.501, 242.699

Background



This preview shows how black text looks on a background with the CIELCh color 76, 35.501, 242.699.

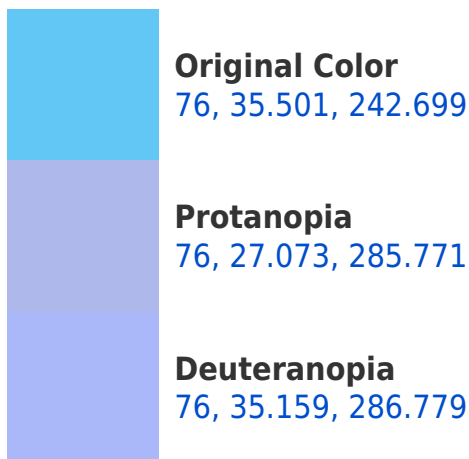


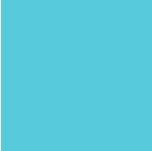
This preview shows how white text looks on a background with the CIELCh color 76, 35.501, 242.699.

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, 33.085, 213.473

Trichromacy



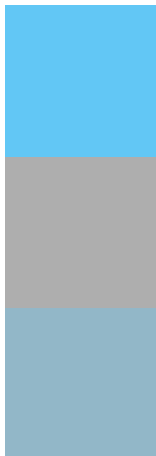
Original Color
76, 35.501, 242.699

Protanomaly
75, 28.973, 265.578

Deuteranomaly
75, 33.402, 269.403

Tritanomaly
76, 32.966, 225.026

Monochromacy



Original Color
76, 35.501, 242.699

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 15.261, 236.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 35.501, 242.699 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(98, 199, 245)` looks like.

```
.text, #text, p{  
    color:rgb(98, 199, 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(98, 199, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 199, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 35.501, 242.699 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(98, 199, 245) }
```

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

```
.border{ border-color:rgb(98, 199, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 199, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 199, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 199, 245);  
box-shadow:4px 4px 4px 4px rgb(98, 199,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 35.501, 242.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 199, 245) }
```

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

```
.background{ background-color: rgb(98, 199,  
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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