

Converting Colors

CIELCh(77, 38.174, 246.945)

Have a look what the booklet for
CIELCh(77, 38.174, 246.945)
contains.

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Color

CIELCh(77, 38.132, 246.921)

Conversions

Conversions Part 1

Format	Color
Hex	60C9FE
RGB	96, 201, 254
RGB Percent	38%, 79%, 100%
CMY	0.6226, 0.2110, 0.0031
CMYK	0.62, 0.21, 0.00, 0.00
HSL	200°, 99%, 69%
HSV	200°, 62%, 100%
XYZ	43.7020, 51.5317, 101.5804
YIQ	175.6470, -79.5930, -5.7770

Conversions

Conversions Part 2

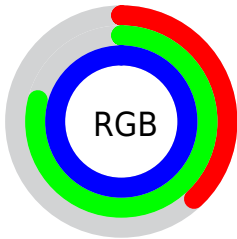
Format	Color
R _{YB}	96, 159, 254
Decimal	6343166
CIE Lab	77.00, -14.95, -35.08
CIE LCh	77, 38.132, 246.921
Yxy	51.5317, 0.2220, 0.2618
Android (android.graphics.Color)	4284533246 (0xFF60C9FE)
YUV	175.6470, 38.6280, -69.8504
Hunter-Lab	71.7856, -16.9568, -33.6485

Details

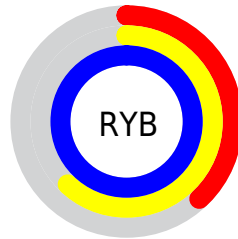
The CIELCh color **77, 38.132, 246.921** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **72, 56.533, 51.995**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.647, 197.591**, and **57, 37.885, 247.261** is the 20% darker color. If you saturate the color by 10%, you get **74, 42.452, 250.443**, and if you desaturate by 10%, it is **80, 33.253, 244.034**.

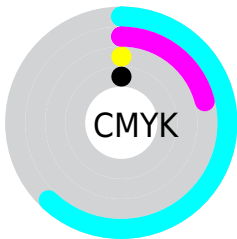
Distribution



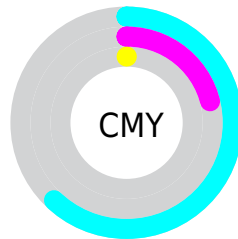
- Red (38%)
- Green (79%)
- Blue (100%)



- Red (38%)
- Yellow (62%)
- Blue (100%)



- Cyan (62%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 38.132, 246.921 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 77, 38.132, 246.921 by changing the saturation by 10% instead.

■ 77, 38.132,
246.921

■ 77, 38.132,
246.921

■ 100, 38.132,
246.921

■ 67, 38.132,
246.921

■ 97, 38.132,
246.921

■ 57, 38.132,
246.921

■ 47, 38.132,
246.921

■ 37, 38.132,
246.921

■ 27, 38.132,
246.921

■ 17, 38.132,
246.921

■ 7, 38.132, 246.921

■ 0, 38.132, 246.921

■ 77, 38.132,
246.921

■ 77, 38.132,
246.921

■ 74, 42.452,
250.443

■ 80, 33.253,
244.034

■ 71, 46.293,
254.643

■ 84, 27.813,
241.701

■ 68, 49.810,
259.483

■ 87, 21.853,
239.833

■ 66, 52.528,
263.557

■ 91, 15.439,
238.345

■ 95, 8.649, 237.177

■ 99, 1.557, 236.525

100, 0.392,

Harmonies

Complementary

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



77, 38.132, 246.921



72, 56.533, 51.995

Rectangle

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



77, 38.132, 246.921



77, 38.132, 296.921



77, 38.132, 66.921



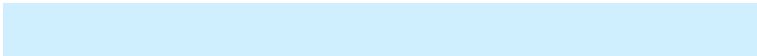
77, 38.132, 116.921

Sweetspot

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



77, 38.131, 246.921



93, 13.377, 237.946



90, 74.370, 148.980



48, 9.147, 238.309



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 38.131, 246.921



73, 43.702, 251.579



56, 74.919, 293.718



51, 4.081, 236.922



51, 41.963, 262.587



16, 18.030, 255.354

Inverse Universe

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



65, 74.268, 341.333



60, 84.099, 343.110



90, 65.929, 95.070



50, 7.156, 336.405



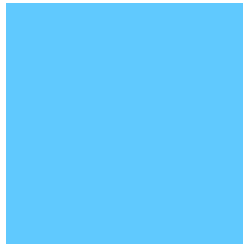
42, 72.724, 347.654



11, 34.294, 344.586

Previews

White Background



This preview shows how the CIE LCh color 77, 38.132, 246.921 looks on a white background.

Color Contrast Check

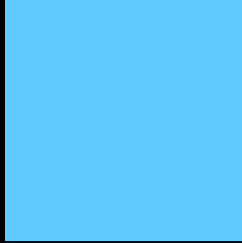
Large Text (above 18pt) WCAG AA × Fail

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 77, 38.132, 246.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

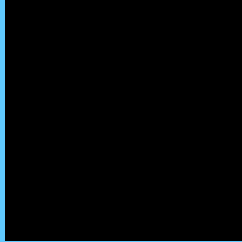
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

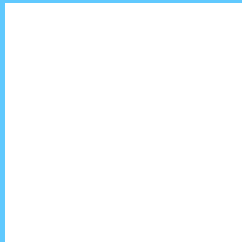
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 38.132, 246.921

Background



This preview shows how black text looks on a background with the CIELCh color 77, 38.132, 246.921.

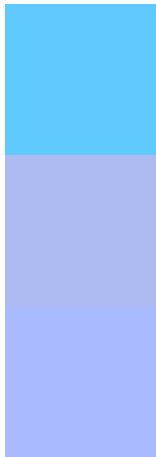


This preview shows how white text looks on a background with the CIELCh color 77, 38.132, 246.921.

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

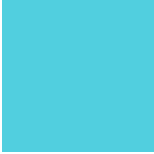
77, 38.132, 246.921

Protanopia

77, 30.267, 285.059

Deuteranopia

77, 37.288, 285.522



Tritanopia
77, 34.830, 211.559

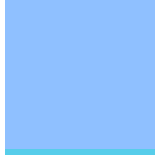
Trichromacy



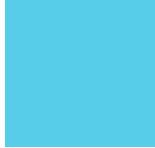
Original Color
77, 38.132, 246.921



Protanomaly
76, 32.014, 267.363



Deuteranomaly
77, 36.067, 269.923



Tritanomaly
77, 34.440, 224.615

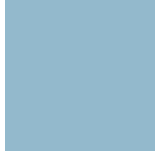
Monochromacy



Original Color
77, 38.132, 246.921



Achromatopsia
72, 0.009, 296.813



Achromatomaly
73, 16.073, 238.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 38.132, 246.921 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(96, 201, 254)` looks like.

```
.text, #text, p{  
    color:rgb(96, 201, 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(96, 201, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 201, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 38.132, 246.921 is called "border". The border property can be set on classes, ids or directly on the HTML element.

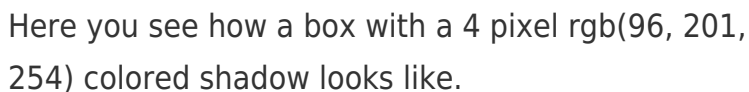
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 201, 254) }
```

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

```
.border{ border-color:rgb(96, 201, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 201, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 201, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 201, 254);  
box-shadow:4px 4px 4px 4px rgb(96, 201,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 38.132, 246.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 201, 254) }
```

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

```
.background{ background-color: rgb(96, 201,  
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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