

Converting Colors

CIELCh(72, 38.275, 256.161)

Have a look what the booklet for
CIELCh(72, 38.275, 256.161)
contains.

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Color

CIELCh(72, 38.275, 256.161)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 62B9F4 |
| RGB | 98, 185, 244 |
| RGB Percent | 38%, 73%, 96% |
| CMY | 0.6170, 0.2757, 0.0444 |
| CMYK | 0.60, 0.24, 0.00, 0.04 |
| HSL | 204°, 87%, 67% |
| HSV | 204°, 60%, 96% |
| XYZ | 38.5638, 43.6590, 91.7242 |
| YIQ | 165.7130, -70.7910, -0.0950 |

Conversions

Conversions Part 2

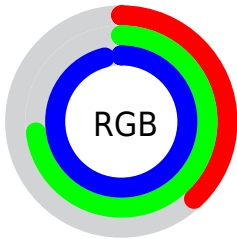
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 98, 153, 244 |
| Decimal | 6470132 |
| CIE Lab | 72.00, -9.16, -37.16 |
| CIE LCh | 72, 38.275, 256.161 |
| Yxy | 43.6590, 0.2217, 0.2510 |
| Android (android.graphics.Color) | 4284660212 (0xFF62B9F4) |
| YUV | 165.7130, 38.5955, -59.3843 |
| Hunter-Lab | 66.0750, -11.4520, -36.0529 |

Details

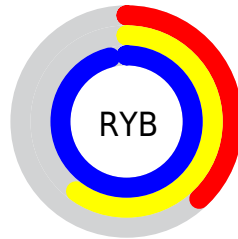
The CIELCh color **72, 38.275, 256.161** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **72, 51.499, 58.520**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 25.992, 214.270**, and **52, 38.486, 256.617** is the 20% darker color. If you saturate the color by 10%, you get **68, 43.503, 259.777**, and if you desaturate by 10%, it is **76, 32.695, 253.134**.

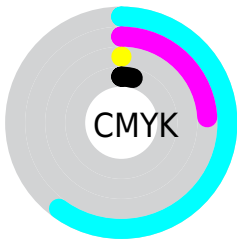
Distribution



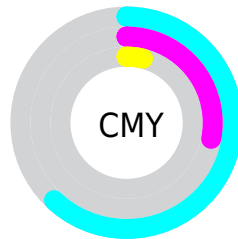
- Red (38%)
- Green (73%)
- Blue (96%)



- Red (38%)
- Yellow (60%)
- Blue (96%)



- Cyan (60%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)





- Cyan (62%)
- Magenta (28%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 38.275, 256.161 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 72, 38.275, 256.161 by changing the saturation by 10% instead.


 72, 38.275,
256.161


 72, 38.275,
256.161


 100, 38.275,
256.161


 62, 38.275,
256.161


 92, 38.275,
256.161

 52, 38.275,
256.161

 42, 38.275,
256.161

 32, 38.275,
256.161

 22, 38.275,
256.161

 12, 38.275,
256.161

 2, 38.275, 256.161

0, 38.275, 256.161

72, 38.275,
256.161

72, 38.275,
256.161

68, 43.503,
259.777

76, 32.695,
253.134

65, 48.457,
263.997

80, 26.746,
250.634

62, 53.274,
268.755

84, 20.450,
248.585

59, 58.163,
273.792

88, 13.850,
246.914

59, 58.201,
273.828

92, 7.000, 245.569

96, 0.048, 53.552

99, 5.041, 104.098

100, 5.730,
109.736

Harmonies

Complementary

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



72, 38.275, 256.161



72, 51.499, 58.520

Rectangle

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



72, 38.275, 256.161



72, 38.275, 306.161



72, 38.275, 76.161



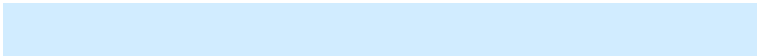
72, 38.275, 126.161

Sweetspot

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



72, 38.274, 256.161



92, 13.019, 246.637



87, 65.923, 152.095



48, 9.006, 247.072



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 38.274, 256.161



71, 46.199, 260.674



53, 75.523, 296.045



49, 4.026, 245.518



46, 46.900, 272.912



13, 18.776, 264.958

Inverse Universe

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



63, 67.042, 344.820



61, 79.096, 346.821



90, 65.058, 99.400



48, 6.594, 339.502



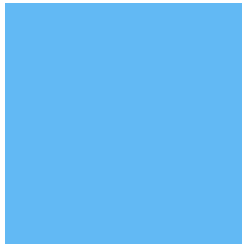
41, 68.862, 353.252



9, 31.435, 348.791

Previews

White Background



This preview shows how the CIELCh color 72, 38.275, 256.161 looks on a white background.

Color Contrast Check

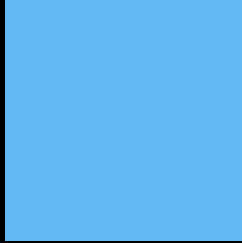
Large Text (above 18pt) WCAG AA × Fail

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 72, 38.275, 256.161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

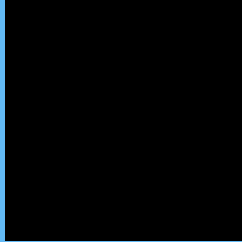
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

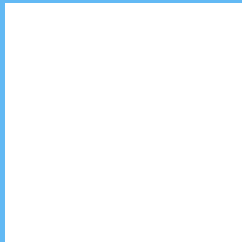
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 38.275, 256.161

Background



This preview shows how black text looks on a background with the CIELCh color 72, 38.275, 256.161.

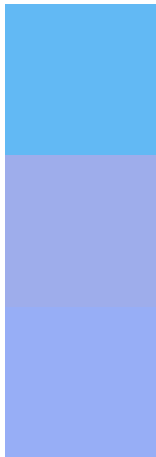


This preview shows how white text looks on a background with the CIELCh color 72, 38.275, 256.161.

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

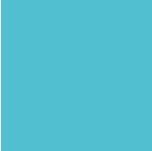
72, 38.275, 256.161

Protanopia

72, 33.964, 285.475

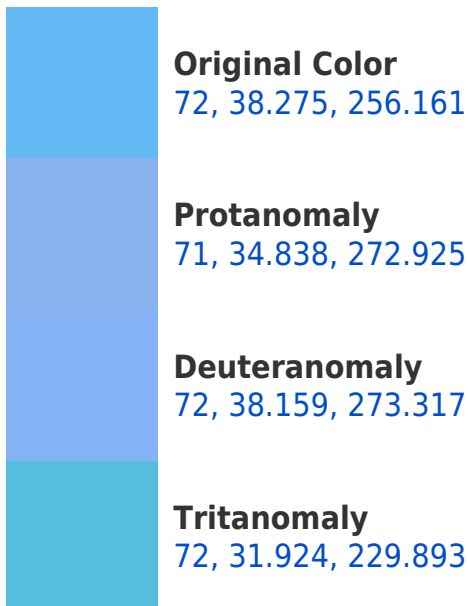
Deuteranopia

72, 39.530, 283.877

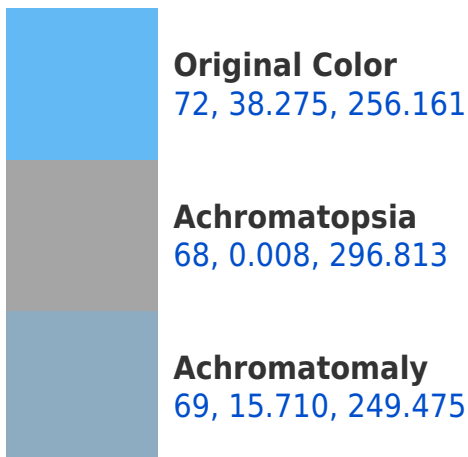


Tritanopia
72, 31.682, 213.369

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 38.275, 256.161 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, 185, 244)` looks like.

```
.text, #text, p{  
    color:rgb(98, 185, 244)  
}
```

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, 185, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 185, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 38.275, 256.161 is called "border". The border property can be set on classes, ids or directly on the HTML element.

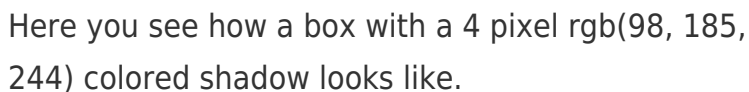
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 185, 244) }
```

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

```
.border{ border-color:rgb(98, 185, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 185, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 185, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 185, 244);  
box-shadow:4px 4px 4px 4px rgb(98, 185,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 38.275, 256.161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 185, 244) }
```

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

```
.background{ background-color: rgb(98, 185,  
244) }
```

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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