

Converting Colors

CIELCh(70, 43.325, 263.258)

Have a look what the booklet for
CIELCh(70, 43.325, 263.258)
contains.

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Color

CIELCh(70, 43.380, 263.181)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 5AB2F9 |
| RGB | 90, 178, 249 |
| RGB Percent | 35%, 70%, 98% |
| CMY | 0.6480, 0.3027, 0.0244 |
| CMYK | 0.64, 0.29, 0.00, 0.02 |
| HSL | 207°, 93%, 66% |
| HSV | 207°, 64%, 98% |
| XYZ | 37.1389, 40.7494, 95.3561 |
| YIQ | 159.7820, -75.2390, 3.4250 |

Conversions

Conversions Part 2

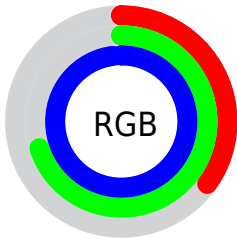
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 90, 147, 249 |
| Decimal | 5944057 |
| CIE Lab | 70.00, -5.15, -43.07 |
| CIE LCh | 70, 43.380, 263.181 |
| Yxy | 40.7494, 0.2144, 0.2352 |
| Android (android.graphics.Color) | 4284134137 (0xFF5AB2F9) |
| YUV | 159.7820, 43.9845, -61.1988 |
| Hunter-Lab | 63.8353, -7.8616, -43.8818 |

Details

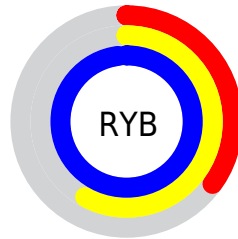
The CIELCh color **70, 43.380, 263.181** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **74, 56.239, 62.149**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 26.502, 222.606**, and **50, 42.730, 263.972** is the 20% darker color. If you saturate the color by 10%, you get **66, 49.299, 267.071**, and if you desaturate by 10%, it is **74, 37.249, 259.854**.

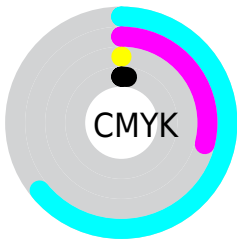
Distribution



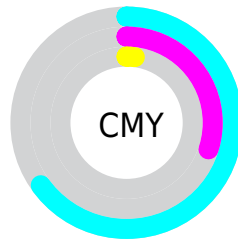
- Red (35%)
- Green (70%)
- Blue (98%)



- Red (35%)
- Yellow (58%)
- Blue (98%)



- Cyan (64%)
- Magenta (29%)
- Yellow (0%)
- Black (2%)





- Cyan (65%)
- Magenta (30%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 43.380, 263.181 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 70, 43.380, 263.181 by changing the saturation by 10% instead.


 70, 43.380,
263.181


 70, 43.380,
263.181


 100, 43.380,
263.181


 60, 43.380,
263.181


 90, 43.380,
263.181

 50, 43.380,
263.181

 40, 43.380,
263.181

 30, 43.380,
263.181

 20, 43.380,
263.181

 10, 43.380,
263.181

 0, 43.380, 263.181

70, 43.380,
263.181

70, 43.380,
263.181

66, 49.299,
267.071

74, 37.249,
259.854

62, 55.114,
271.487

78, 30.857,
257.058

59, 60.977,
276.295

83, 24.196,
254.734

57, 64.649,
279.241

87, 17.289,
252.813

92, 10.174,
251.232

96, 2.896, 250.019

100, 3.139,
109.919

Harmonies

Complementary

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



70, 43.380, 263.181



74, 56.239, 62.149

Rectangle

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



70, 43.380, 263.181



70, 43.380, 313.181



70, 43.380, 83.181



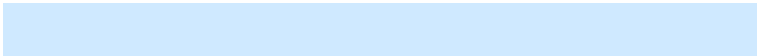
70, 43.380, 133.181

Sweetspot

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



70, 43.379, 263.182



91, 14.090, 251.999



88, 68.780, 152.915



47, 9.665, 252.466



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 43.379, 263.182



66, 52.118, 268.422



50, 85.807, 298.350



50, 4.188, 250.635



44, 51.715, 278.357



12, 20.865, 271.043

Inverse Universe

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



62, 70.014, 348.041



59, 80.339, 350.727



93, 71.734, 100.871



49, 6.511, 341.589



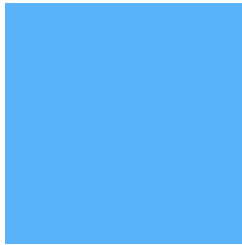
41, 68.447, 357.065



10, 31.663, 352.100

Previews

White Background



This preview shows how the CIELCh color 70, 43.380, 263.181 looks on a white background.

Color Contrast Check

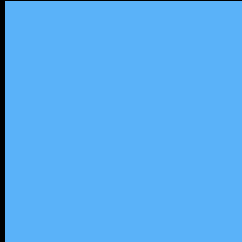
Large Text (above 18pt) WCAG AA × Fail

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 70, 43.380, 263.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

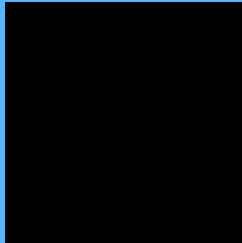
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

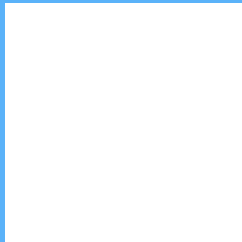
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 43.380, 263.181

Background



This preview shows how black text looks on a background with the CIELCh color 70, 43.380, 263.181.



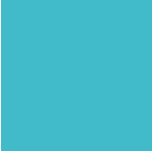
This preview shows how white text looks on a background with the CIELCh color 70, 43.380, 263.181.

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
70, 33.408, 211.435

Trichromacy



Original Color
70, 43.380, 263.181

Protanomaly
70, 40.345, 275.079

Deuteranomaly
70, 44.295, 275.284

Tritanomaly
70, 33.709, 232.622

Monochromacy



Original Color
70, 43.380, 263.181

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 17.588, 254.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 43.380, 263.181 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(90, 178, 249)` looks like.

```
.text, #text, p{  
    color:rgb(90, 178, 249)  
}
```

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(90, 178, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 178, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 43.380, 263.181 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(90, 178, 249) }
```

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

```
.border{ border-color:rgb(90, 178, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 178, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 178, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 178, 249);  
box-shadow:4px 4px 4px 4px rgb(90, 178,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 43.380, 263.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 178, 249) }
```

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

```
.background{ background-color: rgb(90, 178,  
249) }
```

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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