

Converting Colors

CIELCh(70, 50.094, 264.552)

Have a look what the booklet for
CIELCh(70, 50.094, 264.552)
contains.

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Color

CIELCh(70, 47.590, 261.903)

Conversions

Conversions Part 1

Format	Color
Hex	43B3FF
RGB	67, 179, 255
RGB Percent	26%, 70%, 100%
CMY	0.7384, 0.2977, 0.0000
CMYK	0.74, 0.30, 0.00, 0.00
HSL	204°, 100%, 63%
HSV	204°, 74%, 100%
XYZ	36.6678, 40.7494, 101.5282
YIQ	154.1760, -91.1480, -0.1080

Conversions

Conversions Part 2

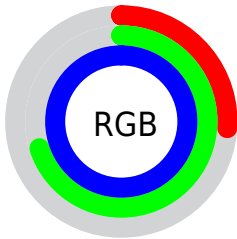
Format	Color
R _{YB}	67, 137, 255
Decimal	4436991
CIE Lab	70.00, -6.70, -47.12
CIE LCh	70, 47.590, 261.903
Yxy	40.7494, 0.2049, 0.2277
Android (android.graphics.Color)	4282627071 (0xFF43B3FF)
YUV	154.1760, 49.7062, -76.4534
Hunter-Lab	63.8353, -9.1791, -49.6144

Details

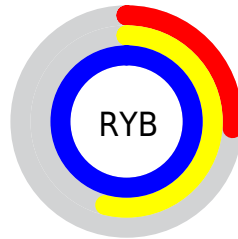
The CIELCh color **70, 47.590, 261.903** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **70, 68.067, 57.138**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 30.209, 218.118**, and **51, 45.029, 266.486** is the 20% darker color. If you saturate the color by 10%, you get **67, 52.151, 265.799**, and if you desaturate by 10%, it is **74, 41.822, 257.460**.

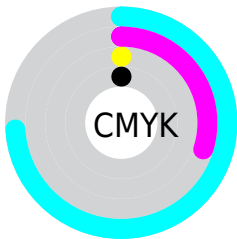
Distribution



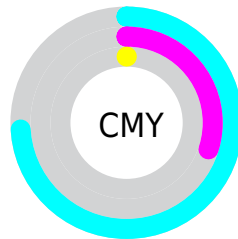
- Red (26%)
- Green (70%)
- Blue (100%)



- Red (26%)
- Yellow (54%)
- Blue (100%)



- Cyan (74%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (74%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 47.590, 261.903 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, 47.590, 261.903 by changing the saturation by 10% instead.


 70, 47.590,
261.903


 70, 47.590,
261.903


 100, 47.590,
261.903


 60, 47.590,
261.903


 90, 47.590,
261.903

 50, 47.590,
261.903

 40, 47.590,
261.903

 30, 47.590,
261.903

 20, 47.590,
261.903

 10, 47.590,
261.903

 0, 47.590, 261.903

70, 47.590,
261.903

70, 47.590,
261.903

67, 52.151,
265.799

74, 41.822,
257.460

63, 57.130,
270.746

77, 36.196,
254.194

61, 60.270,
273.863

81, 30.186,
251.485

85, 23.800,
249.262

90, 17.077,
247.446

94, 10.070,
245.973

98, 2.835, 244.878

100, 0.012,
296.813

Harmonies

Complementary

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



70, 47.590, 261.903



70, 68.067, 57.138

Rectangle

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



70, 47.590, 261.903



70, 47.590, 311.903



70, 47.590, 81.903



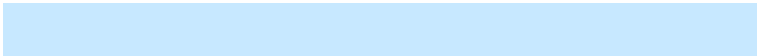
70, 47.590, 131.903

Sweetspot

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



70, 47.105, 261.333



90, 15.806, 247.150



89, 81.032, 149.656



47, 10.572, 247.590



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, 47.105, 261.333



65, 54.715, 268.303



46, 98.661, 299.677



51, 4.161, 245.434



47, 47.857, 272.917



14, 20.006, 265.740

Inverse Universe

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



60, 80.281, 347.121



57, 86.250, 350.570



92, 79.604, 98.029



50, 6.822, 339.471



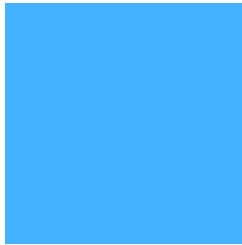
42, 70.261, 353.255



11, 33.100, 349.183

Previews

White Background



This preview shows how the CIELCh color 70, 47.590, 261.903 looks on a white background.

Color Contrast Check

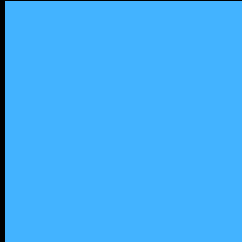
Large Text (above 18pt) WCAG AA × Fail

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, 47.590, 261.903 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

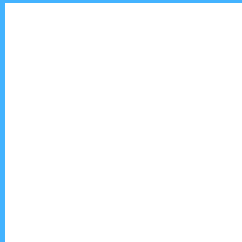
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 47.590, 261.903

Background



This preview shows how black text looks on a background with the CIELCh color 70, 47.590, 261.903.

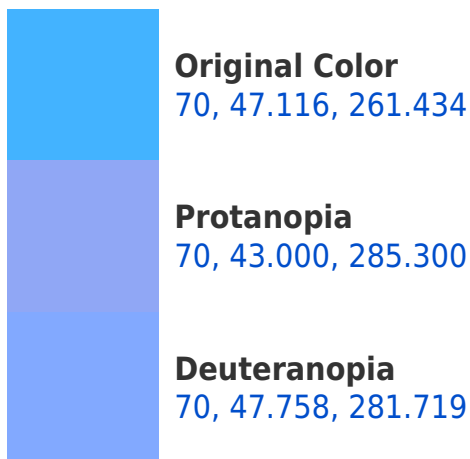


This preview shows how white text looks on a background with the CIELCh color 70, 47.590, 261.903.

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, 38.601, 209.110

Trichromacy



Original Color
70, 47.116, 261.434

Protanomaly
69, 44.456, 274.775

Deuteranomaly
70, 47.036, 273.180

Tritanomaly
70, 38.678, 230.241

Monochromacy



Original Color
70, 47.116, 261.434

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 20.064, 249.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 47.590, 261.903 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(67, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(67, 179, 255)  
}
```

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(67, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 179, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 47.590, 261.903 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(67, 179, 255) }
```

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

```
.border{ border-color:rgb(67, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(67, 179,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 47.590, 261.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 179, 255) }
```

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

```
.background{ background-color: rgb(67, 179,  
255) }
```

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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