

Converting Colors

CIELCh(70, 47.226, 259.012)

Have a look what the booklet for
CIELCh(70, 47.226, 259.012)
contains.

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Color

CIELCh(70, 47.373, 259.320)

Conversions

Conversions Part 1

Format	Color
Hex	38B4FF
RGB	56, 180, 255
RGB Percent	22%, 71%, 100%
CMY	0.7797, 0.2938, 0.0000
CMYK	0.78, 0.29, 0.00, 0.00
HSL	203°, 100%, 61%
HSV	203°, 78%, 100%
XYZ	36.0439, 40.7494, 100.6528
YIQ	151.4740, -97.9790, -2.9630

Conversions

Conversions Part 2

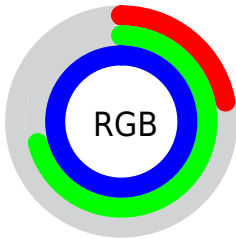
Format	Color
R_{YB}	56, 132, 255
Decimal	3716351
CIE _{Lab}	70.00, -8.78, -46.55
CIE _{LCh}	70, 47.373, 259.320
Yxy	40.7494, 0.2031, 0.2296
Android (android.graphics.Color)	4281906431 (0xFF38B4FF)
YUV	151.4740, 51.0383, -83.7307
Hunter-Lab	63.8353, -10.9237, -48.8013

Details

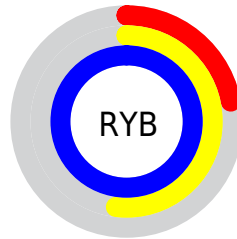
The CIELCh color **70, 47.373, 259.320** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **68, 72.940, 54.527**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 31.628, 216.049**, and **51, 44.596, 265.683** is the 20% darker color. If you saturate the color by 10%, you get **67, 51.778, 263.958**, and if you desaturate by 10%, it is **73, 42.631, 255.194**.

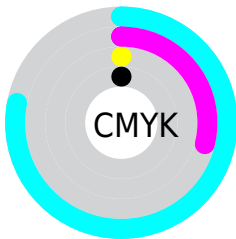
Distribution



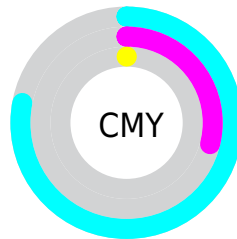
- Red (22%)
- Green (71%)
- Blue (100%)



- Red (22%)
- Yellow (52%)
- Blue (100%)



- Cyan (78%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (78%)
- Magenta (29%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 47.373, 259.320 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, 47.373, 259.320 by changing the saturation by 10% instead.


 70, 47.373,
259.320


 70, 47.373,
259.320


 100, 47.373,
259.320


 60, 47.373,
259.320


 90, 47.373,
259.320

 50, 47.373,
259.320

 40, 47.373,
259.320

 30, 47.373,
259.320

 20, 47.373,
259.320

 10, 47.373,
259.320

 0, 47.373, 259.320

70, 47.373,
259.320

70, 47.373,
259.320

67, 51.778,
263.958

73, 42.631,
255.194

64, 56.167,
269.085

77, 37.537,
251.753

63, 57.087,
270.110

81, 31.994,
248.909

84, 26.001,
246.587

88, 19.595,
244.703

92, 12.837,
243.183

97, 5.789, 241.986

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, 47.373, 259.320



68, 72.940, 54.527

Rectangle

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



70, 47.373, 259.320



70, 47.373, 309.320



70, 47.373, 79.320



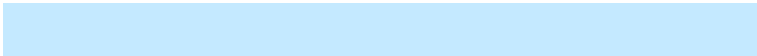
70, 47.373, 129.320

Sweetspot

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



70, 47.334, 259.272



90, 16.276, 243.906



89, 86.843, 147.493



47, 11.184, 244.477



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, 47.334, 259.272



65, 54.414, 267.020



45, 100.608, 299.544



51, 4.119, 242.146



48, 45.387, 269.144



15, 19.162, 261.888

Inverse Universe

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



59, 83.711, 346.190



56, 87.960, 349.858



90, 80.620, 95.483



50, 6.950, 338.237



42, 71.130, 351.000



11, 33.537, 347.332

Previews

White Background



This preview shows how the CIELCh color 70, 47.373, 259.320 looks on a white background.

Color Contrast Check

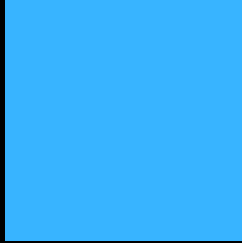
Large Text (above 18pt) WCAG AA × Fail

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, 47.373, 259.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

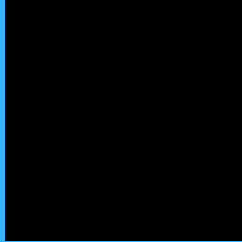
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

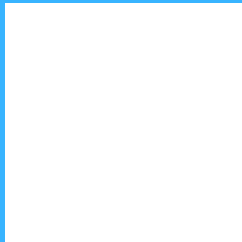
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 47.373, 259.320

Background



This preview shows how black text looks on a background with the CIELCh color 70, 47.373, 259.320.

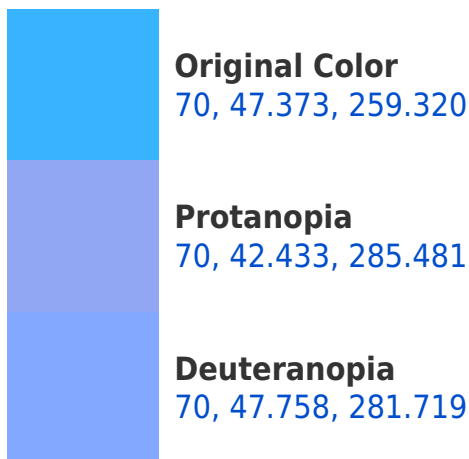


This preview shows how white text looks on a background with the CIELCh color 70, 47.373, 259.320.

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](#).

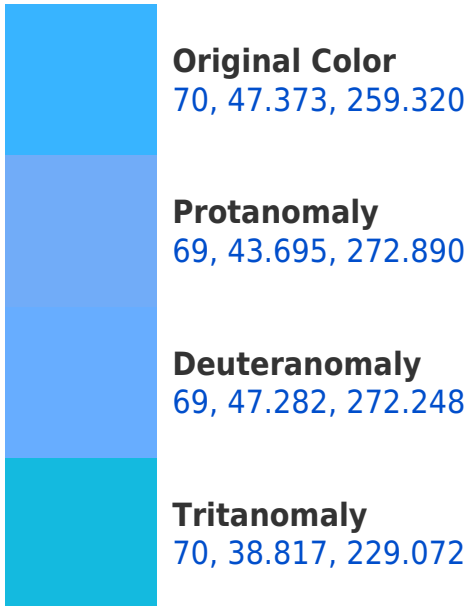
Dichromacy



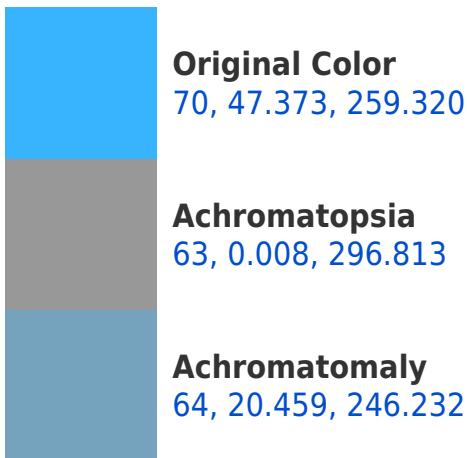


Tritanopia
70, 38.601, 209.110

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 47.373, 259.320 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(56, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(56, 180, 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(56, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 180, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 47.373, 259.320 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(56, 180, 255) }
```

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

```
.border{ border-color:rgb(56, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(56, 180,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 47.373, 259.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 180, 255) }
```

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

```
.background{ background-color: rgb(56, 180,  
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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