

Converting Colors

CIELCh(70, 47.087, 255.543)

Have a look what the booklet for
CIELCh(70, 47.087, 255.543)
contains.

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Color

CIELCh(70, 47.130, 255.760)

Conversions

Conversions Part 1

Format	Color
Hex	26B5FD
RGB	38, 181, 253
RGB Percent	15%, 71%, 99%
CMY	0.8507, 0.2886, 0.0061
CMYK	0.85, 0.28, 0.00, 0.01
HSL	200°, 99%, 57%
HSV	200°, 85%, 99%
XYZ	35.2096, 40.7494, 99.3096
YIQ	146.4510, -108.3400, -7.9240

Conversions

Conversions Part 2

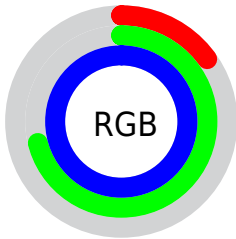
Format	Color
R _Y B	38, 124, 253
Decimal	2536957
CIE Lab	70.00, -11.59, -45.68
CIE LCh	70, 47.130, 255.760
Yxy	40.7494, 0.2009, 0.2325
Android (android.graphics.Color)	4280727037 (0xFF26B5FD)
YUV	146.4510, 52.5287, -95.1115
Hunter-Lab	63.8353, -13.2564, -47.5538

Details

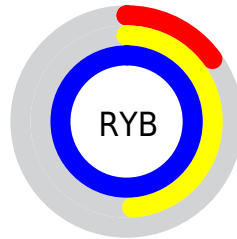
The CIELCh color **70, 47.130, 255.760** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **64, 81.054, 50.739**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 33.621, 213.845**, and **51, 43.690, 264.575** is the 20% darker color. If you saturate the color by 10%, you get **67, 50.563, 260.754**, and if you desaturate by 10%, it is **73, 43.428, 251.377**.

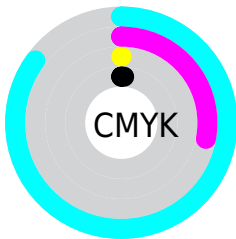
Distribution



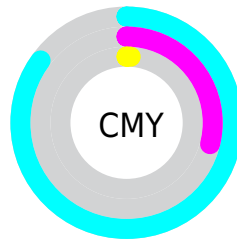
- Red (15%)
- Green (71%)
- Blue (99%)



- Red (15%)
- Yellow (49%)
- Blue (99%)



- Cyan (85%)
- Magenta (28%)
- Yellow (0%)
- Black (1%)





- Cyan (85%)
- Magenta (29%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 47.130, 255.760 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, 47.130, 255.760 by changing the saturation by 10% instead.


 70, 47.130,
255.760


 70, 47.130,
255.760


 100, 47.130,
255.760


 60, 47.130,
255.760


 90, 47.130,
255.760

 50, 47.130,
255.760

 40, 47.130,
255.760

 30, 47.130,
255.760

 20, 47.130,
255.760

 10, 47.130,
255.760

 0, 47.130, 255.760

70, 47.130,
255.760

70, 47.130,
255.760

67, 50.563,
260.754

73, 43.428,
251.377

66, 52.293,
263.357

76, 39.280,
247.672

79, 34.586,
244.620

83, 29.325,
242.147

86, 23.527,
240.162

90, 17.254,
238.580

94, 10.582,
237.331

98, 3.586, 236.421

100, 0.777,
110.020

Harmonies

Complementary

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



70, 47.130, 255.760



64, 81.054, 50.739

Rectangle

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



70, 47.130, 255.760



70, 47.130, 305.760



70, 47.130, 75.760



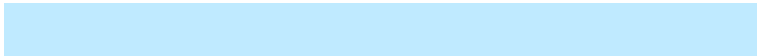
70, 47.130, 125.760

Sweetspot

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



70, 47.129, 255.761



90, 17.353, 238.585



88, 94.345, 144.843



47, 11.735, 239.100



0, 0.000, 0.000



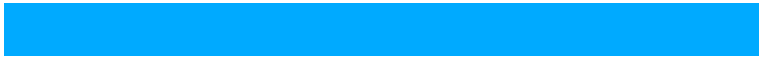
53, 0.007, 296.813

Same Dimension

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



70, 47.129, 255.761



66, 52.547, 263.375



42, 105.334, 300.207



51, 4.080, 236.777



51, 41.877, 262.395



16, 18.002, 255.166

Inverse Universe

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



58, 88.124, 344.735



56, 90.049, 348.023



87, 82.430, 92.350



50, 7.162, 336.356



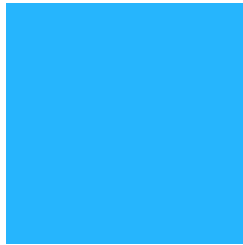
42, 72.772, 347.565



11, 34.316, 344.513

Previews

White Background



This preview shows how the CIE LCh color 70, 47.130, 255.760 looks on a white background.

Color Contrast Check

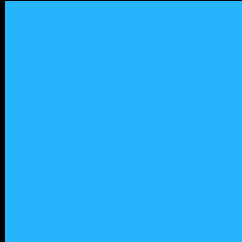
Large Text (above 18pt) WCAG AA × Fail

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, 47.130, 255.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

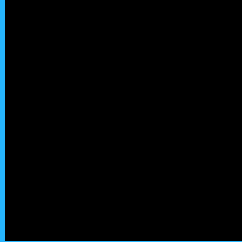
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

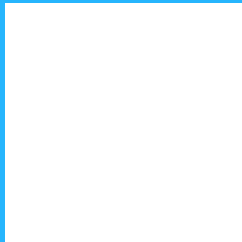
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 47.130, 255.760

Background



This preview shows how black text looks on a background with the CIELCh color 70, 47.130, 255.760.

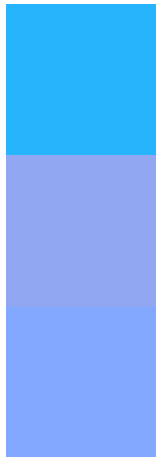


This preview shows how white text looks on a background with the CIELCh color 70, 47.130, 255.760.

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

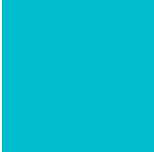
70, 47.093, 255.832

Protanopia

70, 41.334, 285.487

Deuteranopia

70, 47.758, 281.719



Tritanopia
70, 38.641, 208.238

Trichromacy



Original Color
70, 47.093, 255.832



Protanomaly
69, 43.146, 270.484



Deuteranomaly
69, 46.745, 269.864



Tritanomaly
70, 38.736, 227.188

Monochromacy



Original Color
70, 47.093, 255.832



Achromatopsia
61, 0.008, 296.813



Achromatomaly
63, 21.722, 240.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 47.130, 255.760 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(38, 181, 253)` looks like.

```
.text, #text, p{  
    color:rgb(38, 181, 253)  
}
```

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(38, 181, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 181, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 47.130, 255.760 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(38, 181, 253) }
```

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

```
.border{ border-color:rgb(38, 181, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 181, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 181, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 181, 253);  
box-shadow:4px 4px 4px 4px rgb(38, 181,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 47.130, 255.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 181, 253) }
```

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

```
.background{ background-color: rgb(38, 181,  
253) }
```

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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