

Converting Colors

CIELCh(70, 47.405, 258.264)

Have a look what the booklet for
CIELCh(70, 47.405, 258.264)
contains.

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Color

CIELCh(70, 47.291, 258.037)

Conversions

Conversions Part 1

Format	Color
Hex	32B5FF
RGB	50, 181, 255
RGB Percent	20%, 71%, 100%
CMY	0.8032, 0.2918, 0.0018
CMYK	0.80, 0.29, 0.00, 0.00
HSL	202°, 100%, 60%
HSV	202°, 80%, 100%
XYZ	35.7390, 40.7494, 100.2064
YIQ	150.2670, -101.8300, -4.7580

Conversions

Conversions Part 2

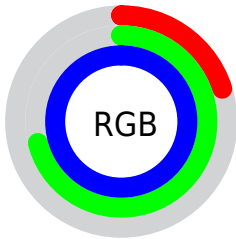
Format	Color
R _Y B	50, 130, 255
Decimal	3323391
CIE Lab	70.00, -9.80, -46.26
CIE LCh	70, 47.291, 258.037
Yxy	40.7494, 0.2023, 0.2306
Android (android.graphics.Color)	4281513471 (0xFF32B5FF)
YUV	150.2670, 51.6334, -87.9342
Hunter-Lab	63.8353, -11.7761, -48.3867

Details

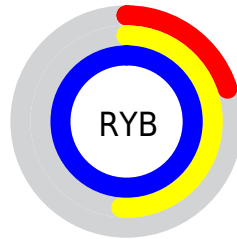
The CIELCh color **70, 47.291, 258.037** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **66, 75.639, 53.153**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 32.408, 214.544**, and **51, 44.596, 265.683** is the 20% darker color. If you saturate the color by 10%, you get **67, 51.385, 262.834**, and if you desaturate by 10%, it is **73, 42.927, 253.854**.

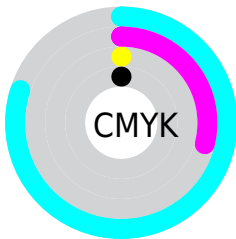
Distribution



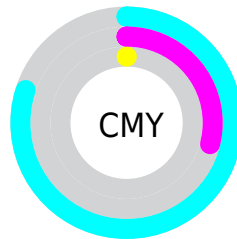
- Red (20%)
- Green (71%)
- Blue (100%)



- Red (20%)
- Yellow (51%)
- Blue (100%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (80%)
- Magenta (29%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 47.291, 258.037 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, 47.291, 258.037 by changing the saturation by 10% instead.


 70, 47.291,
258.037


 70, 47.291,
258.037


 100, 47.291,
258.037


 60, 47.291,
258.037


 90, 47.291,
258.037

 50, 47.291,
258.037

 40, 47.291,
258.037

 30, 47.291,
258.037

 20, 47.291,
258.037

 10, 47.291,
258.037

 0, 47.291, 258.037

70, 47.291,
258.037

70, 47.291,
258.037

67, 51.385,
262.834

73, 42.927,
253.854

64, 55.339,
267.853

77, 38.150,
250.324

80, 32.887,
247.410

84, 27.133,
245.037

88, 20.925,
243.121

92, 14.323,
241.580

96, 7.396, 240.361

100, 0.211,
241.935

100, 0.218,
109.808

Harmonies

Complementary

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



70, 47.291, 258.037



66, 75.639, 53.153

Rectangle

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



70, 47.291, 258.037



70, 47.291, 308.037



70, 47.291, 78.037



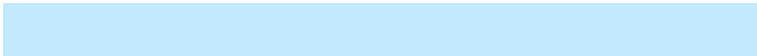
70, 47.291, 128.037

Sweetspot

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



70, 47.290, 258.038



90, 16.845, 242.114



89, 89.806, 146.394



47, 11.482, 242.668



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, 47.290, 258.038



66, 53.764, 265.798



44, 101.596, 299.542



51, 4.102, 240.280



49, 44.094, 266.885



15, 18.729, 259.614

Inverse Universe

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



59, 85.351, 345.661



56, 88.687, 349.220



89, 81.056, 94.095



50, 7.023, 337.566



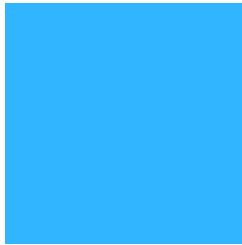
42, 71.670, 349.774



11, 33.798, 346.326

Previews

White Background



This preview shows how the CIE LCh color 70, 47.291, 258.037 looks on a white background.

Color Contrast Check

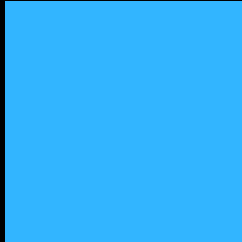
Large Text (above 18pt) WCAG AA × Fail

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, 47.291, 258.037 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

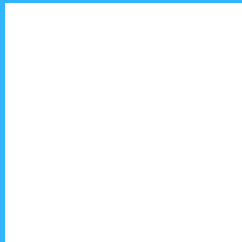
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 47.291, 258.037

Background



This preview shows how black text looks on a background with the CIELCh color 70, 47.291, 258.037.



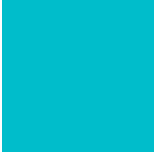
This preview shows how white text looks on a background with the CIELCh color 70, 47.291, 258.037.

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, 38.641, 208.238

Trichromacy



Original Color
70, 47.338, 257.938



Protanomaly
69, 43.830, 272.341



Deuteranomaly
69, 47.406, 271.798



Tritanomaly
70, 38.744, 228.158

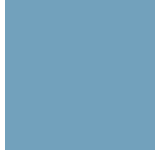
Monochromacy



Original Color
70, 47.338, 257.938



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 20.857, 245.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 47.291, 258.037 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(50, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(50, 181, 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(50, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 181, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 47.291, 258.037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

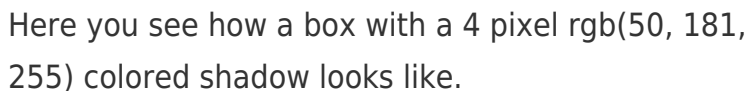
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(50, 181, 255) }
```

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

```
.border{ border-color:rgb(50, 181, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(50, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(50, 181,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 47.291, 258.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 181, 255) }
```

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

```
.background{ background-color: rgb(50, 181,  
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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