

Converting Colors

CIELCh(70, 57.875, 316.016)

Have a look what the booklet for
CIELCh(70, 57.875, 316.016)
contains.

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Color

CIELCh(70, 57.793, 315.779)

Conversions

Conversions Part 1

Format	Color
Hex	D292F5
RGB	210, 146, 245
RGB Percent	82%, 57%, 96%
CMY	0.1773, 0.4282, 0.0400
CMYK	0.14, 0.40, 0.00, 0.04
HSL	279°, 83%, 77%
HSV	279°, 40%, 96%
XYZ	53.2181, 40.7494, 91.2794
YIQ	176.4220, 6.3650, 44.3570

Conversions

Conversions Part 2

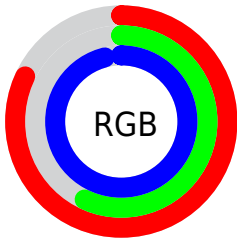
Format	Color
R _Y B	210, 146, 245
Decimal	13800181
CIE Lab	70.00, 41.42, -40.31
CIE LCh	70, 57.793, 315.779
Yxy	40.7494, 0.2873, 0.2200
Android (android.graphics.Color)	4291990261 (0xFFD292F5)
YUV	176.4220, 33.8090, 29.4479
Hunter-Lab	63.8353, 37.0999, -40.0954

Details

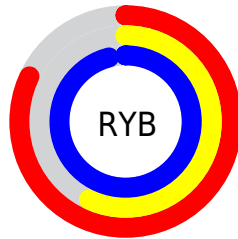
The CIELCh color $70, 57.793, 315.779$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $90, 55.659, 132.066$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 33.868, 325.602$, and $50, 57.565, 315.877$ is the 20% darker color. If you saturate the color by 10%, you get $64, 71.974, 316.176$, and if you desaturate by 10%, it is $76, 43.308, 315.339$.

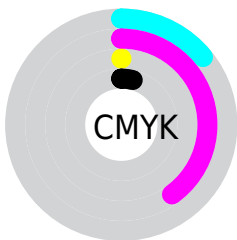
Distribution



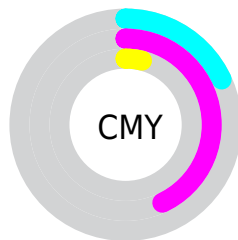
- Red (82%)
- Green (57%)
- Blue (96%)



- Red (82%)
- Yellow (57%)
- Blue (96%)



- Cyan (14%)
- Magenta (40%)
- Yellow (0%)
- Black (4%)





- Cyan (18%)
- Magenta (43%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 57.793, 315.779 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, 57.793, 315.779 by changing the saturation by 10% instead.


 70, 57.793,
315.779


 70, 57.793,
315.779


 100, 57.793,
315.779


 60, 57.793,
315.779


 90, 57.793,
315.779

 50, 57.793,
315.779

 40, 57.793,
315.779

 30, 57.793,
315.779

 20, 57.793,
315.779

 10, 57.793,
315.779

 0, 57.793, 315.779

70, 57.793,
315.779

70, 57.793,
315.779

64, 71.974,
316.176

76, 43.308,
315.339

58, 85.383,
316.485

83, 28.836,
314.886

53, 97.354,
316.643

89, 14.567,
314.438

49, 107.084,
316.574

96, 0.609, 313.718

46, 113.819,
316.198

100, 5.219,
117.295

44, 117.451,
315.546

100, 5.165,
109.777

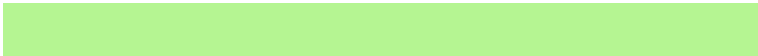
Harmonies

Complementary

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



70, 57.793, 315.779



90, 55.659, 132.066

Rectangle

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



70, 57.793, 315.779



70, 57.793, 5.779



70, 57.793, 135.779



70, 57.793, 185.779

Sweetspot

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



70, 57.791, 315.779



92, 17.348, 314.509



74, 35.170, 275.386



48, 11.524, 314.567



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, 57.791, 315.779



67, 72.327, 316.128



73, 56.559, 330.770



48, 7.926, 314.396



33, 95.513, 315.723



7, 41.646, 316.912

Inverse Universe

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



72, 41.617, 357.159



70, 52.060, 358.703



89, 56.594, 145.031



48, 5.636, 353.194



39, 67.742, 16.168



9, 29.614, 7.558

Previews

White Background



This preview shows how the CIELCh color 70, 57.793, 315.779 looks on a white background.

Color Contrast Check

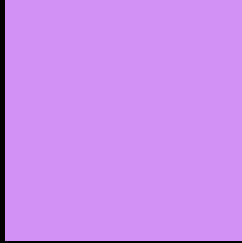
Large Text (above 18pt) WCAG AA × Fail

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, 57.793, 315.779 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, 57.793, 315.779

Background



This preview shows how black text looks on a background with the CIELCh color 70, 57.793, 315.779.



This preview shows how white text looks on a background with the CIELCh color 70, 57.793, 315.779.

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, 16.167, 354.983

Trichromacy



Original Color
70, 57.793, 315.779



Protanomaly
70, 49.414, 296.931



Deuteranomaly
70, 44.604, 297.992



Tritanomaly
70, 30.127, 327.492

Monochromacy



Original Color
70, 57.793, 315.779



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 21.441, 314.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 57.793, 315.779 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(210, 146, 245)` looks like.

```
.text, #text, p{  
    color:rgb(210, 146, 245)  
}
```

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(210, 146, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 146, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 57.793, 315.779 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(210, 146, 245) }
```

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

```
.border{ border-color:rgb(210, 146, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 146, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 146, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 146, 245);  
box-shadow:4px 4px 4px 4px rgb(210, 146,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 57.793, 315.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 146, 245) }
```

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

```
.background{ background-color: rgb(210,  
146, 245) }
```

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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