

Converting Colors

CIELCh(72, 51.317, 317.782)

Have a look what the booklet for
CIELCh(72, 51.317, 317.782)
contains.

CIELCh(72, 51.530, 317.694)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 51.530, 317.694)

Conversions

Conversions Part 1

Format	Color
Hex	D799F0
RGB	215, 153, 240
RGB Percent	84%, 60%, 94%
CMY	0.1558, 0.3990, 0.0578
CMYK	0.10, 0.36, 0.00, 0.06
HSL	283°, 75%, 77%
HSV	283°, 36%, 94%
XYZ	55.3029, 43.6590, 88.1591
YIQ	181.4560, 9.0250, 40.2010

Conversions

Conversions Part 2

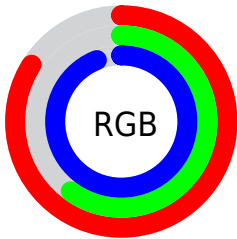
Format	Color
R _{YB}	215, 153, 240
Decimal	14129648
CIE _{Lab}	72.00, 38.11, -34.68
CIE _{LCh}	72, 51.530, 317.694
Yxy	43.6590, 0.2955, 0.2333
Android (android.graphics.Color)	4292319728 (0xFFD799F0)
YUV	181.4560, 28.8622, 29.4181
Hunter-Lab	66.0750, 33.7683, -32.8539

Details

The CIELCh color `72, 51.530, 317.694` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `89, 50.223, 134.321`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 29.467, 325.450`, and `52, 51.521, 317.585` is the 20% darker color. If you saturate the color by 10%, you get `66, 65.646, 318.090`, and if you desaturate by 10%, it is `78, 37.151, 317.262`.

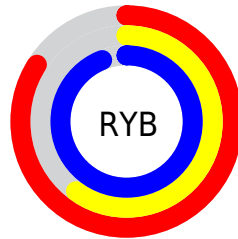
Distribution



Red (84%)

Green (60%)

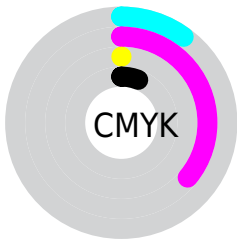
Blue (94%)



Red (84%)

Yellow (60%)

Blue (94%)

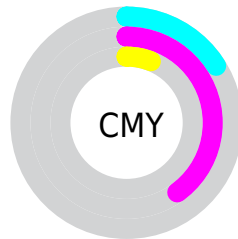


Cyan (10%)

Magenta (36%)

Yellow (0%)

Black (6%)



Cyan (16%)


Magenta (40%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 51.530, 317.694 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 72, 51.530, 317.694 by changing the saturation by 10% instead.

 72, 51.530,
317.694


 72, 51.530,
317.694


 100, 51.530,
317.694


 62, 51.530,
317.694


 92, 51.530,
317.694

 52, 51.530,
317.694

 42, 51.530,
317.694

 32, 51.530,
317.694

 22, 51.530,
317.694

 12, 51.530,
317.694

 2, 51.530, 317.694

■ 0, 51.530, 317.694

■ 72, 51.530,
317.694

■ 72, 51.530,
317.694

■ 66, 65.646,
318.090

■ 78, 37.151,
317.262

■ 61, 79.081,
318.412

■ 84, 22.800,
316.818

■ 56, 91.244,
318.612

■ 91, 8.653, 316.370

■ 52, 101.413,
318.628

■ 97, 5.187, 136.023

■ 49, 108.872,
318.395

■ 99, 7.708, 123.525

■ 100, 7.457,
109.609

■ 46, 113.196,
317.864

■ 46,114.306,
317.616

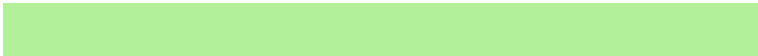
Harmonies

Complementary

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



72, 51.530, 317.694



89, 50.223, 134.321

Rectangle

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



72, 51.530, 317.694



72, 51.530, 7.694



72, 51.530, 137.694



72, 51.530, 187.694

Sweetspot

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



72, 51.528, 317.694



93, 16.150, 316.588



73, 33.684, 279.536



48, 10.866, 316.648



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 51.528, 317.694



72, 64.178, 317.974



74, 47.899, 332.900



47, 7.921, 316.518



35, 93.345, 317.772



7, 40.105, 318.902

Inverse Universe

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



73, 35.780, 1.150



73, 44.830, 2.340



88, 47.727, 147.603



47, 5.352, 357.695



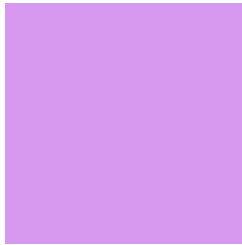
39, 68.933, 22.220



8, 28.798, 11.052

Previews

White Background



This preview shows how the CIELCh color 72, 51.530, 317.694 looks on a white background.

Color Contrast Check

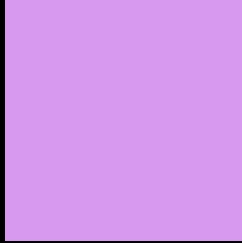
Large Text (above 18pt) WCAG AA × Fail

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 72, 51.530, 317.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

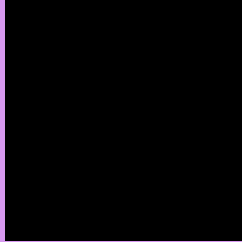
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 51.530, 317.694

Background



This preview shows how black text looks on a background with the CIELCh color 72, 51.530, 317.694.

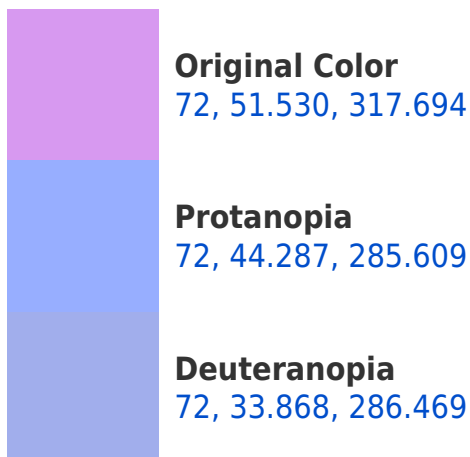



This preview shows how white text looks on a background with the CIELCh color 72, 51.530, 317.694.

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
72, 16.778, 356.183

Trichromacy



Original Color
72, 51.530, 317.694



Protanomaly
72, 45.968, 297.508



Deuteranomaly
72, 39.710, 300.810



Tritanomaly
72, 27.887, 330.794

Monochromacy



Original Color
72, 51.530, 317.694



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 18.693, 316.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 51.530, 317.694 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(215, 153, 240)` looks like.

```
.text, #text, p{  
    color:rgb(215, 153, 240)  
}
```

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(215, 153, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 153, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 51.530, 317.694 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(215, 153, 240) }
```

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

```
.border{ border-color:rgb(215, 153, 240) }
```

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

Here you see how a box with a 4 pixel rgb(215, 153, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 153, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 153, 240);  
box-shadow:4px 4px 4px 4px rgb(215, 153,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 51.530, 317.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 153, 240) }
```

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

```
.background{ background-color: rgb(215,  
153, 240) }
```

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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