

Converting Colors

CIELCh(72, 51.365, 314.468)

Have a look what the booklet for
CIELCh(72, 51.365, 314.468)
contains.

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Color

CIELCh(72, 51.596, 314.339)

Conversions

Conversions Part 1

Format	Color
Hex	D19BF4
RGB	209, 155, 244
RGB Percent	82%, 61%, 96%
CMY	0.1794, 0.3912, 0.0421
CMYK	0.14, 0.36, 0.00, 0.04
HSL	276°, 81%, 78%
HSV	276°, 36%, 96%
XYZ	54.4925, 43.6590, 91.3436
YIQ	181.2920, 3.6150, 39.1270

Conversions

Conversions Part 2

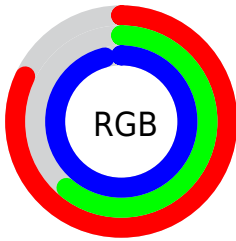
Format	Color
R _Y B	209, 155, 244
Decimal	13736948
CIE _{Lab}	72.00, 36.06, -36.90
CIE _{LCh}	72, 51.596, 314.339
Y _{xy}	43.6590, 0.2876, 0.2304
Android (android.graphics.Color)	4291927028 (0xFFD19BF4)
YUV	181.2920, 30.9150, 24.2999
Hunter-Lab	66.0750, 31.5790, -35.7114

Details

The CIELCh color **72, 51.596, 314.339** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **91, 49.630, 131.001**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 28.208, 325.407**, and **52, 51.255, 314.322** is the 20% darker color. If you saturate the color by 10%, you get **66, 65.940, 314.782**, and if you desaturate by 10%, it is **79, 37.156, 313.873**.

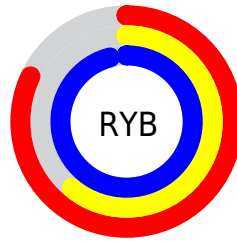
Distribution



Red (82%)

Green (61%)

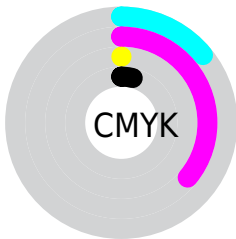
Blue (96%)



Red (82%)

Yellow (61%)

Blue (96%)

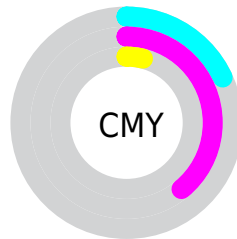


Cyan (14%)

Magenta (36%)

Yellow (0%)

Black (4%)



Cyan (18%)


Magenta (39%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 51.596, 314.339 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, 51.596, 314.339 by changing the saturation by 10% instead.


 72, 51.596,
314.339


 72, 51.596,
314.339


 100, 51.596,
314.339


 62, 51.596,
314.339


 92, 51.596,
314.339

 52, 51.596,
314.339

 42, 51.596,
314.339

 32, 51.596,
314.339

 22, 51.596,
314.339

 12, 51.596,
314.339

 2, 51.596, 314.339

0, 51.596, 314.339

72, 51.596,
314.339

72, 51.596,
314.339

66, 65.940,
314.782

79, 37.156,
313.873

60, 79.809,
315.163

85, 22.863,
313.410

54, 92.628,
315.423

92, 8.853, 312.958

50, 103.625,
315.484

99, 4.801, 132.605

100, 5.438,
109.757

46, 111.942,
315.257

43, 116.958,
314.666

■ 43,118.229,
314.406

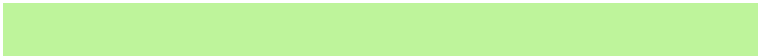
Harmonies

Complementary

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



72, 51.596, 314.339



91, 49.630, 131.001

Rectangle

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



72, 51.596, 314.339



72, 51.596, 4.339



72, 51.596, 134.339



72, 51.596, 184.339

Sweetspot

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



72, 51.594, 314.339



92, 15.736, 313.165



77, 30.276, 271.602



48, 10.590, 313.226



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, 51.594, 314.339



70, 64.680, 314.682



75, 52.283, 329.413



48, 7.851, 313.095



32, 96.290, 314.590



6, 41.649, 315.690

Inverse Universe

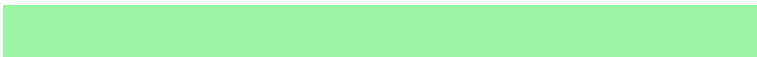
The Inverse Universe completely reimagines the original color for something new.



74, 38.032, 353.867



73, 47.551, 355.052



89, 52.300, 144.459



48, 5.767, 350.654



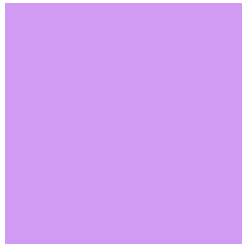
39, 67.037, 12.358



9, 29.651, 4.531

Previews

White Background



This preview shows how the CIELCh color 72, 51.596, 314.339 looks on a white background.

Color Contrast Check

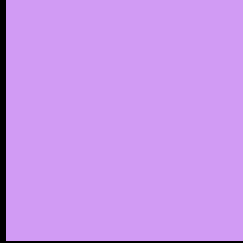
Large Text (above 18pt) WCAG AA × Fail

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, 51.596, 314.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

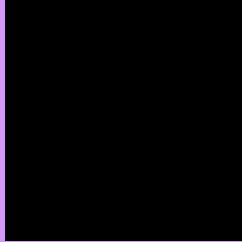
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 51.596, 314.339

Background



This preview shows how black text looks on a background with the CIELCh color 72, 51.596, 314.339.

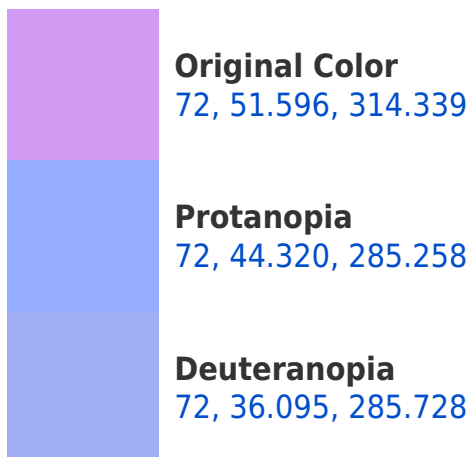



This preview shows how white text looks on a background with the CIELCh color 72, 51.596, 314.339.

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, 13.690, 349.646

Trichromacy



Original Color
72, 51.596, 314.339



Protanomaly
72, 45.882, 296.353



Deuteranomaly
72, 41.127, 298.405



Tritanomaly
72, 26.625, 324.846

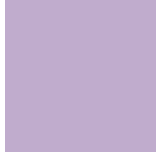
Monochromacy



Original Color
72, 51.596, 314.339



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 19.400, 313.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 51.596, 314.339 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(209, 155, 244)` looks like.

```
.text, #text, p{  
    color:rgb(209, 155, 244)  
}
```

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(209, 155, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 155, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 51.596, 314.339 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(209, 155, 244) }
```

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

```
.border{ border-color:rgb(209, 155, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 155, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 155, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 155, 244);  
box-shadow:4px 4px 4px 4px rgb(209, 155,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 51.596, 314.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 155, 244) }
```

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

```
.background{ background-color: rgb(209,  
155, 244) }
```

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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