

Converting Colors

CIELCh(72, 58.722, 314.441)

Have a look what the booklet for
CIELCh(72, 58.722, 314.441)
contains.

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Color

CIELCh(72, 58.712, 314.234)

Conversions

Conversions Part 1

Format	Color
Hex	D598FE
RGB	213, 152, 254
RGB Percent	84%, 60%, 100%
CMY	0.1654, 0.4046, 0.0047
CMYK	0.16, 0.40, 0.00, 0.00
HSL	276°, 98%, 80%
HSV	276°, 40%, 100%
XYZ	56.4424, 43.6590, 99.0539
YIQ	181.8670, 3.6140, 44.6540

Conversions

Conversions Part 2

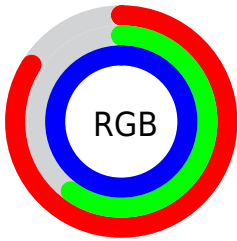
Format	Color
R _Y B	213, 152, 254
Decimal	13998334
CIE Lab	72.00, 40.96, -42.07
CIE LCh	72, 58.712, 314.234
Yxy	43.6590, 0.2834, 0.2192
Android (android.graphics.Color)	4292188414 (0xFFD598FE)
YUV	181.8670, 35.5616, 27.3036
Hunter-Lab	66.0750, 36.8465, -42.6300

Details

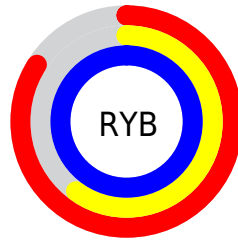
The CIELCh color `72, 58.712, 314.234` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `94, 56.163, 130.524`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 30.096, 325.472`, and `52, 58.580, 314.275` is the 20% darker color. If you saturate the color by 10%, you get `66, 73.390, 314.667`, and if you desaturate by 10%, it is `79, 43.821, 313.767`.

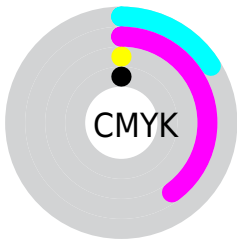
Distribution



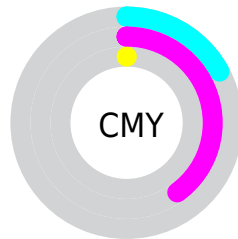
- Red (84%)
- Green (60%)
- Blue (100%)



- Red (84%)
- Yellow (60%)
- Blue (100%)



- Cyan (16%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)




- Cyan (17%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 58.712, 314.234 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, 58.712, 314.234 by changing the saturation by 10% instead.


 72, 58.712,
314.234


 72, 58.712,
314.234


 100, 58.712,
314.234


 62, 58.712,
314.234


 92, 58.712,
314.234


 52, 58.712,
314.234

 42, 58.712,
314.234

 32, 58.712,
314.234

 22, 58.712,
314.234

 12, 58.712,
314.234

 2, 58.712, 314.234

■ 0, 58.712, 314.234

■ 72, 58.712,
314.234

■ 72, 58.712,
314.234

■ 66, 73.390,
314.667

■ 79, 43.821,
313.767

■ 60, 87.395,
315.018

■ 86, 29.015,
313.296

■ 54, 100.050,
315.220

■ 92, 14.464,
312.837

■ 50, 110.492,
315.188

■ 99, 0.264, 311.748

■ 46, 117.858,
314.829

■ 100, 0.595,
110.003

■ 44, 121.964,
314.141

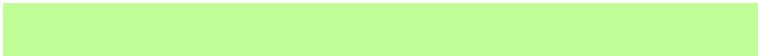
Harmonies

Complementary

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



72, 58.712, 314.234



94, 56.163, 130.524

Rectangle

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



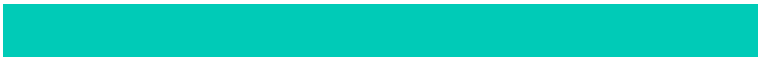
72, 58.712, 314.234



72, 58.712, 4.234



72, 58.712, 134.234



72, 58.712, 184.234

Sweetspot

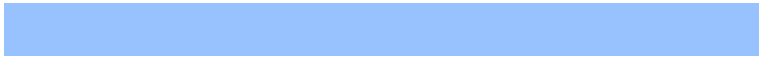
The Sweet Spot groups the original color and five complimentary colors.



72, 58.710, 314.234



92, 17.153, 312.920



78, 33.750, 270.967



48, 11.396, 312.979



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, 58.710, 314.234



67, 70.495, 314.578



76, 59.881, 329.097



49, 8.102, 312.807



33, 98.443, 314.328



7, 44.672, 315.612

Inverse Universe

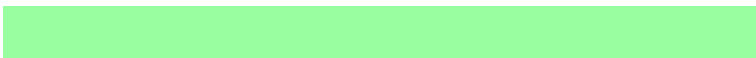
The Inverse Universe completely reimagines the original color for something new.



74, 43.455, 353.856



70, 51.938, 355.145



92, 59.990, 143.585



50, 5.995, 350.113



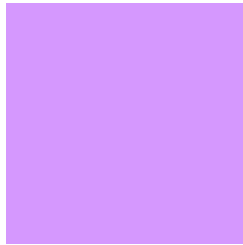
41, 68.302, 11.617



10, 31.305, 4.622

Previews

White Background



This preview shows how the CIELCh color 72, 58.712, 314.234 looks on a white background.

Color Contrast Check

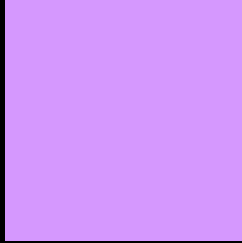
Large Text (above 18pt) WCAG AA × Fail

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, 58.712, 314.234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

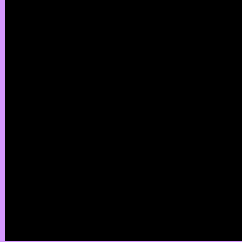
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 58.712, 314.234

Background



This preview shows how black text looks on a background with the CIELCh color 72, 58.712, 314.234.



This preview shows how white text looks on a background with the CIELCh color 72, 58.712, 314.234.

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

72, 58.712, 314.234

Protanopia

72, 44.320, 285.258

Deuteranopia

72, 40.585, 283.867



Tritanopia
72, 14.349, 351.314

Trichromacy



Original Color
72, 58.712, 314.234



Protanomaly
72, 48.636, 297.169



Deuteranomaly
72, 45.893, 296.731

Tritanomaly
72, 28.984, 324.365

Monochromacy



Original Color
72, 58.712, 314.234



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 21.681, 313.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 58.712, 314.234 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(213, 152, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 152, 254)  
}
```

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(213, 152, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 152, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 58.712, 314.234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

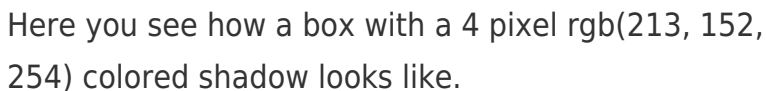
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 152, 254) }
```

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

```
.border{ border-color:rgb(213, 152, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 152, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 152, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 152, 254); box-shadow:4px 4px 4px 4px rgb(213, 152, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 58.712, 314.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 152, 254) }
```

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

```
.background{ background-color: rgb(213,  
152, 254) }
```

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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