

Converting Colors

CIELCh(72, 51.540, 326.340)

Have a look what the booklet for
CIELCh(72, 51.540, 326.340)
contains.

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Color

CIELCh(72, 51.566, 326.350)

Conversions

Conversions Part 1

Format	Color
Hex	E594E5
RGB	229, 148, 229
RGB Percent	90%, 58%, 90%
CMY	0.1007, 0.4184, 0.1007
CMYK	0.00, 0.35, 0.00, 0.10
HSL	300°, 61%, 74%
HSV	300°, 35%, 90%
XYZ	57.2392, 43.6590, 79.7703
YIQ	181.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

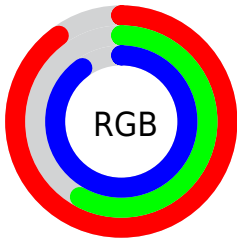
Format	Color
R _Y B	229, 148, 229
Decimal	15045861
CIE Lab	72.00, 42.93, -28.57
CIE LCh	72, 51.566, 326.350
Yxy	43.6590, 0.3168, 0.2417
Android (android.graphics.Color)	4293235941 (0xFFE594E5)
YUV	181.4530, 23.4407, 41.6987
Hunter-Lab	66.0750, 38.9992, -25.3265

Details

The CIELCh color **72, 51.566, 326.350** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **84, 51.617, 141.845**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 32.611, 325.559**, and **52, 51.590, 326.408** is the 20% darker color. If you saturate the color by 10%, you get **67, 65.276, 326.840**, and if you desaturate by 10%, it is **77, 37.160, 325.823**.

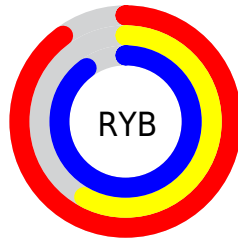
Distribution



Red (90%)

Green (58%)

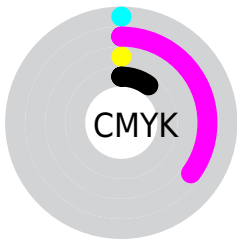
Blue (90%)



Red (90%)

Yellow (58%)

Blue (90%)

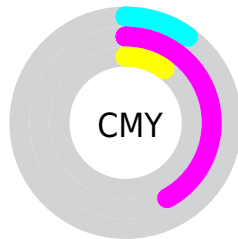


Cyan (0%)

Magenta (35%)

Yellow (0%)

Black (10%)



Cyan (10%)


Magenta (42%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 51.566, 326.350 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, 51.566, 326.350 by changing the saturation by 10% instead.


 72, 51.566,
326.350


 72, 51.566,
326.350


 100, 51.566,
326.350


 62, 51.566,
326.350


 92, 51.566,
326.350

 52, 51.566,
326.350

 42, 51.566,
326.350

 32, 51.566,
326.350

 22, 51.566,
326.350

 12, 51.566,
326.350

 2, 51.566, 326.350

72, 51.566,
326.350

72, 51.566,
326.350

67, 65.276,
326.840

77, 37.160,
325.823

63, 77.794,
327.276

82, 22.465,
325.274

60, 88.547,
327.641

88, 7.770, 324.700

57, 96.994,
327.922

94, 6.728, 144.234

56, 102.768,
328.110

98, 16.023,
143.861

55, 105.832,
328.209

98, 16.022,
143.862

98, 16.021,

■ 54, 106.649,
328.235

143.864

■ 98, 16.021,
143.866

■ 98, 16.020,
143.867

Harmonies

Complementary

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



72, 51.566, 326.350



84, 51.617, 141.845

Rectangle

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



72, 51.566, 326.350



72, 51.566, 16.350



72, 51.566, 146.350



72, 51.566, 196.350

Sweetspot

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



72, 51.563, 326.350



93, 17.536, 325.034



64, 45.150, 294.764



49, 11.791, 325.111



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, 51.563, 326.350



76, 66.258, 326.694



71, 37.042, 347.076



45, 8.306, 324.943



42, 88.423, 328.235



9, 37.106, 328.235

Inverse Universe

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



72, 51.563, 326.350



76, 66.258, 326.694



85, 35.485, 160.241



45, 8.306, 324.943



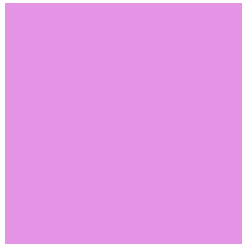
42, 88.423, 328.235



9, 37.106, 328.235

Previews

White Background



This preview shows how the CIELCh color 72, 51.566, 326.350 looks on a white background.

Color Contrast Check

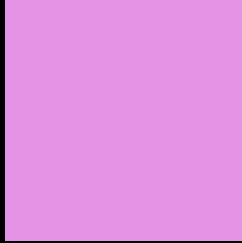
Large Text (above 18pt) WCAG AA × Fail

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, 51.566, 326.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

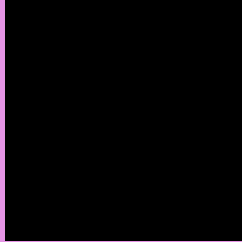
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 51.566, 326.350

Background



This preview shows how black text looks on a background with the CIELCh color 72, 51.566, 326.350.

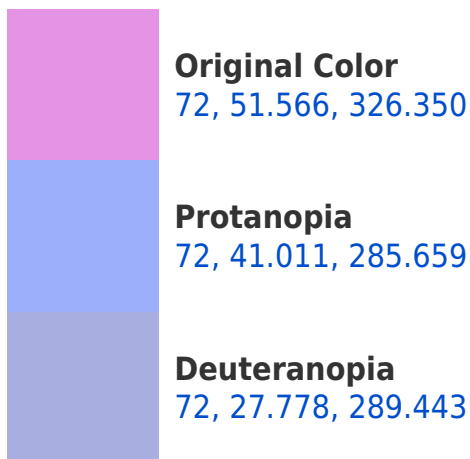


This preview shows how white text looks on a background with the CIELCh color 72, 51.566, 326.350.

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, 24.899, 6.794

Trichromacy



Original Color
72, 51.566, 326.350



Protanomaly
72, 42.461, 300.954



Deuteranomaly
72, 35.079, 307.686



Tritanomaly
72, 32.352, 344.504

Monochromacy



Original Color
72, 51.566, 326.350



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 19.027, 325.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 51.566, 326.350 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(229, 148, 229)` looks like.

```
.text, #text, p{  
    color:rgb(229, 148, 229)  
}
```

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(229, 148, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 148, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 51.566, 326.350 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(229, 148, 229) }
```

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

```
.border{ border-color:rgb(229, 148, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 148, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 148, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 148, 229);  
box-shadow:4px 4px 4px 4px rgb(229, 148,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 51.566, 326.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 148, 229) }
```

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

```
.background{ background-color: rgb(229,  
148, 229) }
```

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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