

Converting Colors

CIELCh(73, 59.785, 323.252)

Have a look what the booklet for
CIELCh(73, 59.785, 323.252)
contains.

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Color

CIELCh(73, 59.788, 323.252)

Conversions

Conversions Part 1

Format	Color
Hex	EA93F5
RGB	234, 147, 245
RGB Percent	92%, 58%, 96%
CMY	0.0807, 0.4220, 0.0376
CMYK	0.04, 0.40, 0.00, 0.04
HSL	293°, 84%, 77%
HSV	293°, 40%, 96%
XYZ	61.1017, 45.1644, 92.2074
YIQ	184.1850, 20.3940, 48.9220

Conversions

Conversions Part 2

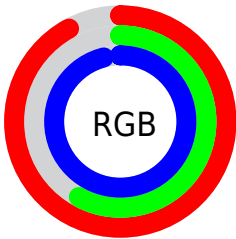
Format	Color
RYB	234, 147, 245
Decimal	15373301
CIELab	73.00, 47.91, -35.77
CIELCh	73, 59.788, 323.252
Yxy	45.1644, 0.3079, 0.2276
Android (android.graphics.Color)	4293563381 (0xFFEA93F5)
YUV	184.1850, 29.9818, 43.6878
Hunter-Lab	67.2044, 44.6828, -34.3054

Details

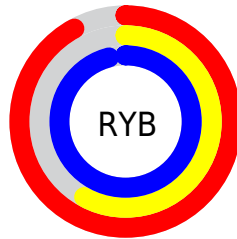
The CIELCh color $73, 59.788, 323.252$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $89, 59.332, 138.807$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 32.611, 325.559$, and $53, 59.531, 323.471$ is the 20% darker color. If you saturate the color by 10%, you get $68, 73.793, 323.646$, and if you desaturate by 10%, it is $79, 45.026, 322.804$.

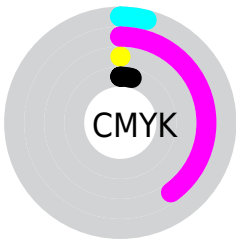
Distribution



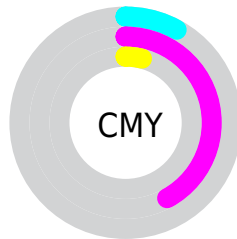
- Red (92%)
- Green (58%)
- Blue (96%)



- Red (92%)
- Yellow (58%)
- Blue (96%)



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





- Cyan (8%)
- Magenta (42%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 59.788, 323.252 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 73, 59.788, 323.252 by changing the saturation by 10% instead.


 73, 59.788,
323.252


 73, 59.788,
323.252


 100, 59.788,
323.252


 63, 59.788,
323.252


 93, 59.788,
323.252

 53, 59.788,
323.252

 43, 59.788,
323.252

 33, 59.788,
323.252

 23, 59.788,
323.252

 13, 59.788,
323.252

 3, 59.788, 323.252

0, 59.788, 323.252

73, 59.788,
323.252

73, 59.788,
323.252

68, 73.793,
323.646

79, 45.026,
322.804

63, 86.493,
323.959

84, 29.943,
322.326

60, 97.241,
324.157

90, 14.842,
321.832

57, 105.422,
324.211

97, 0.075, 144.971

55, 110.640,
324.097

99, 5.449, 135.976

99, 5.082, 126.233

54, 113.161,
323.824

100, 4.882,
115.288

■ 53, 113.173,
323.823

■ 100, 4.854,
109.799

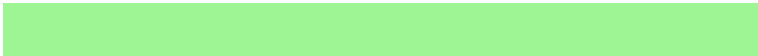
Harmonies

Complementary

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



73, 59.788, 323.252



89, 59.332, 138.807

Rectangle

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



73, 59.788, 323.252



73, 59.788, 13.252



73, 59.788, 143.252



73, 59.788, 193.252

Sweetspot

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



73, 59.785, 323.252



92, 18.506, 321.936



68, 47.724, 290.838



48, 12.286, 322.001



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 59.785, 323.252



71, 73.391, 323.579



73, 47.397, 341.276



48, 8.464, 321.808



41, 91.953, 323.895



9, 40.824, 324.454

Inverse Universe

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



72, 39.453, 14.935



69, 49.742, 16.558



90, 46.338, 154.142



48, 5.126, 10.908



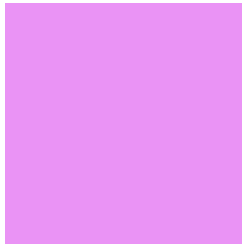
39, 77.726, 35.226



8, 30.377, 20.459

Previews

White Background



This preview shows how the CIELCh color 73, 59.788, 323.252 looks on a white background.

Color Contrast Check

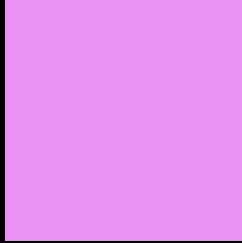
Large Text (above 18pt) WCAG AA × Fail

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 73, 59.788, 323.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

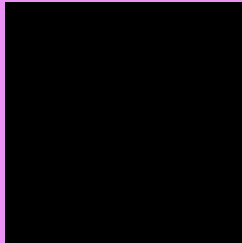
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 59.788, 323.252

Background



This preview shows how black text looks on a background with the CIELCh color 73, 59.788, 323.252.

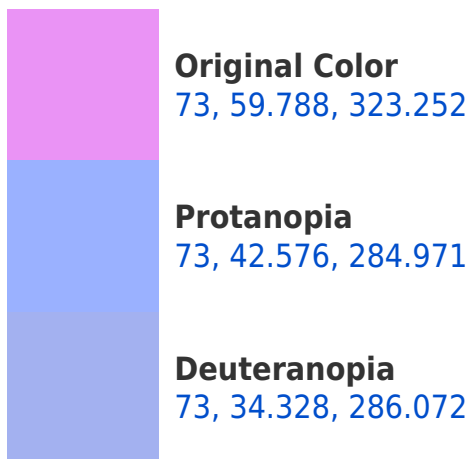


This preview shows how white text looks on a background with the CIELCh color 73, 59.788, 323.252.

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
73, 25.314, 5.844

Trichromacy



Original Color
73, 59.788, 323.252



Protanomaly
72, 47.245, 300.874



Deuteranomaly
73, 42.189, 304.064



Tritanomaly
73, 35.034, 340.246

Monochromacy



Original Color
73, 59.788, 323.252



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 22.722, 322.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 59.788, 323.252 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(234, 147, 245)` looks like.

```
.text, #text, p{  
    color:rgb(234, 147, 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(234, 147, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 147, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 59.788, 323.252 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(234, 147, 245) }
```

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

```
.border{ border-color:rgb(234, 147, 245) }
```

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

Here you see how a box with a 4 pixel rgb(234, 147, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 147, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 147, 245);  
box-shadow:4px 4px 4px 4px rgb(234, 147,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 59.788, 323.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 147, 245) }
```

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

```
.background{ background-color: rgb(234,  
147, 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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