

Converting Colors

CIELCh(73, 67.431, 323.789)

Have a look what the booklet for
CIELCh(73, 67.431, 323.789)
contains.

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Color

CIELCh(73, 67.209, 323.815)

Conversions

Conversions Part 1

Format	Color
Hex	F28EFD
RGB	242, 142, 253
RGB Percent	95%, 56%, 99%
CMY	0.0521, 0.4442, 0.0090
CMYK	0.04, 0.44, 0.00, 0.01
HSL	294°, 96%, 77%
HSV	294°, 44%, 99%
XYZ	63.8340, 45.1644, 98.0407
YIQ	184.5540, 23.9690, 55.7210

Conversions

Conversions Part 2

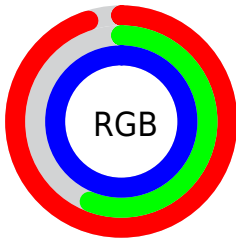
Format	Color
R _Y B	242, 142, 253
Decimal	15896317
CIE Lab	73.00, 54.25, -39.68
CIE LCh	73, 67.209, 323.815
Yxy	45.1644, 0.3083, 0.2181
Android (android.graphics.Color)	4294086397 (0xFFFF28EFD)
YUV	184.5540, 33.7439, 50.3801
Hunter-Lab	67.2044, 51.9401, -39.4517

Details

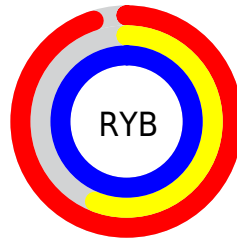
The CIELCh color $73, 67.209, 323.815$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $91, 66.800, 138.781$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 35.751, 325.667$, and $53, 67.235, 323.829$ is the 20% darker color. If you saturate the color by 10%, you get $68, 81.064, 324.187$, and if you desaturate by 10%, it is $78, 52.333, 323.379$.

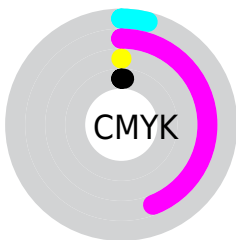
Distribution



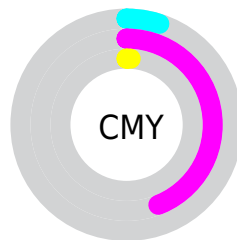
- Red (95%)
- Green (56%)
- Blue (99%)



- Red (95%)
- Yellow (56%)
- Blue (99%)



- Cyan (4%)
- Magenta (44%)
- Yellow (0%)
- Black (1%)





- Cyan (5%)
- Magenta (44%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 67.209, 323.815 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, 67.209, 323.815 by changing the saturation by 10% instead.


 73, 67.209,
323.815


 73, 67.209,
323.815


 100, 67.209,
323.815


 63, 67.209,
323.815


 93, 67.209,
323.815

 53, 67.209,
323.815

 43, 67.209,
323.815

 33, 67.209,
323.815

 23, 67.209,
323.815

 13, 67.209,
323.815

 3, 67.209, 323.815

■ 0, 67.209, 323.815

■ 73, 67.209,
323.815

■ 73, 67.209,
323.815

■ 68, 81.064,
324.187

■ 78, 52.333,
323.379

■ 64, 93.288,
324.467

■ 84, 36.945,
322.904

■ 60, 103.218,
324.624

■ 90, 21.410,
322.409

■ 58, 110.301,
324.632

■ 97, 5.983, 321.883

■ 56, 114.311,
324.476

100, 1.183,
123.073

■ 56, 115.564,
324.316

100, 1.149,
110.025

Harmonies

Complementary

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



73, 67.209, 323.815



91, 66.800, 138.781

Rectangle

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



73, 67.209, 323.815



73, 67.209, 13.815



73, 67.209, 143.815



73, 67.209, 193.815

Sweetspot

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



73, 67.206, 323.815



92, 20.138, 322.363



66, 55.244, 292.404



48, 14.110, 322.474



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, 67.206, 323.815



69, 80.435, 324.158



73, 52.583, 342.573



50, 8.787, 322.185



42, 93.704, 324.379



11, 43.061, 324.832

Inverse Universe

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



71, 44.879, 16.687



67, 55.504, 18.705



91, 51.225, 154.367



50, 5.288, 11.950



40, 80.018, 35.998



10, 32.607, 23.151

Previews

White Background



This preview shows how the CIELCh color 73, 67.209, 323.815 looks on a white background.

Color Contrast Check

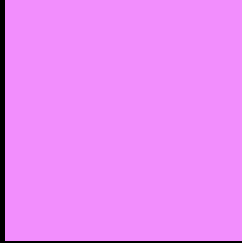
Large Text (above 18pt) WCAG AA × Fail

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, 67.209, 323.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

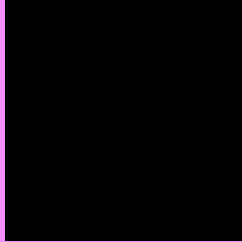
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 67.209, 323.815

Background



This preview shows how black text looks on a background with the CIELCh color 73, 67.209, 323.815.

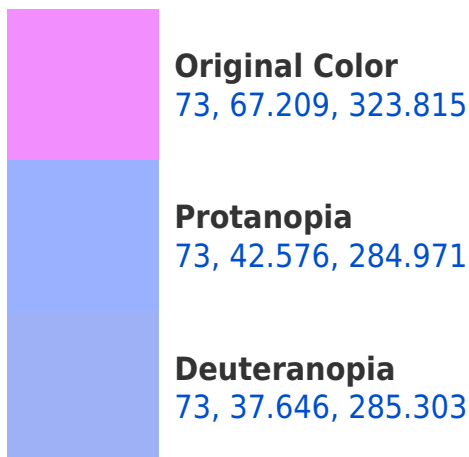


This preview shows how white text looks on a background with the CIELCh color 73, 67.209, 323.815.

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, 28.362, 9.071

Trichromacy



Original Color
73, 67.209, 323.815



Protanomaly
72, 49.629, 302.524



Deuteranomaly
72, 46.589, 304.109



Tritanomaly
73, 39.312, 342.345

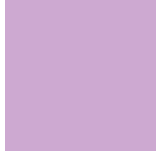
Monochromacy



Original Color
73, 67.209, 323.815



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 25.300, 322.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 67.209, 323.815 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(242, 142, 253)` looks like.

```
.text, #text, p{  
    color:rgb(242, 142, 253)  
}
```

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(242, 142, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 142, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 67.209, 323.815 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(242, 142, 253) }
```

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

```
.border{ border-color:rgb(242, 142, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 142, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 142, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 142, 253);  
box-shadow:4px 4px 4px 4px rgb(242, 142,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 67.209, 323.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 142, 253) }
```

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

```
.background{ background-color: rgb(242,  
142, 253) }
```

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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