

Converting Colors

CIELCh(73, 63.692, 327.679)

Have a look what the booklet for
CIELCh(73, 63.692, 327.679)
contains.

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Color

CIELCh(73, 63.710, 327.829)

Conversions

Conversions Part 1

Format	Color
Hex	F68DF2
RGB	246, 141, 242
RGB Percent	96%, 55%, 95%
CMY	0.0344, 0.4463, 0.0501
CMYK	0.00, 0.43, 0.02, 0.03
HSL	302°, 86%, 76%
HSV	302°, 43%, 97%
XYZ	63.6954, 45.1644, 89.5311
YIQ	183.9090, 30.1590, 53.6710

Conversions

Conversions Part 2

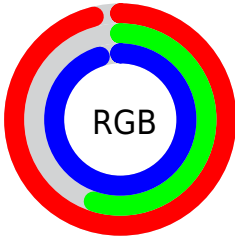
Format	Color
R _{YB}	246, 141, 242
Decimal	16158194
CIE _{Lab}	73.00, 53.93, -33.92
CIE _{LCh}	73, 63.710, 327.829
Y _{xy}	45.1644, 0.3211, 0.2277
Android (android.graphics.Color)	4294348274 (0xFFFF68DF2)
YUV	183.9090, 28.6389, 54.4538
Hunter-Lab	67.2044, 51.5719, -31.9442

Details

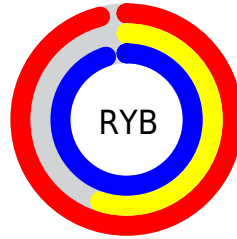
The CIELCh color **73, 63.710, 327.829** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **89, 63.903, 142.089**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 36.378, 325.689**, and **53, 63.852, 327.768** is the 20% darker color. If you saturate the color by 10%, you get **68, 77.003, 328.322**, and if you desaturate by 10%, it is **78, 49.310, 327.298**.

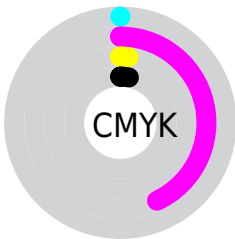
Distribution



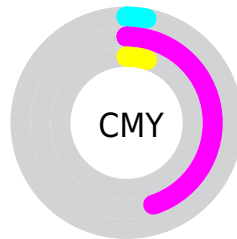
- Red (96%)
- Green (55%)
- Blue (95%)



- Red (96%)
- Yellow (55%)
- Blue (95%)



- Cyan (0%)
- Magenta (43%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (45%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 63.710, 327.829 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, 63.710, 327.829 by changing the saturation by 10% instead.


 73, 63.710,
327.829


 73, 63.710,
327.829


 100, 63.710,
327.829


 63, 63.710,
327.829


 93, 63.710,
327.829

 53, 63.710,
327.829

 43, 63.710,
327.829

 33, 63.710,
327.829

 23, 63.710,
327.829

 13, 63.710,
327.829

 3, 63.710, 327.829

■ 0, 63.710, 327.829

■ 73, 63.710,
327.829

■ 73, 63.710,
327.829

■ 68, 77.003,
328.322

■ 78, 49.310,
327.298

■ 65, 88.600,
328.763

■ 84, 34.318,
326.741

■ 62, 97.895,
329.140

■ 89, 19.118,
326.171

■ 59, 104.420,
329.448

■ 95, 3.985, 325.547

■ 58, 108.022,
329.691

■ 99, 5.160, 146.498

■ 99, 4.783, 149.893

■ 58, 109.166,
329.838

■ 99, 4.426, 153.847

99, 4.093, 158.464

99, 3.790, 163.852

Harmonies

Complementary

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



73, 63.710, 327.829



89, 63.903, 142.089

Rectangle

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



73, 63.710, 327.829



73, 63.710, 17.829



73, 63.710, 147.829



73, 63.710, 197.829

Sweetspot

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



73, 63.707, 327.829



92, 20.216, 326.192



63, 58.679, 297.040



48, 14.159, 326.319



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, 63.707, 327.829



71, 77.049, 328.249



71, 46.398, 350.062



48, 8.534, 325.987



44, 88.540, 329.810



11, 39.522, 329.593

Inverse Universe

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



73, 63.707, 327.829



71, 77.049, 328.249



90, 43.698, 161.082



48, 8.534, 325.987



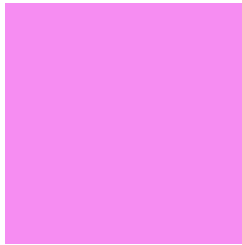
44, 88.540, 329.810



11, 39.522, 329.593

Previews

White Background



This preview shows how the CIELCh color 73, 63.710, 327.829 looks on a white background.

Color Contrast Check

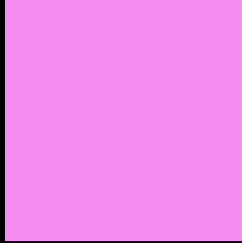
Large Text (above 18pt) WCAG AA × Fail

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, 63.710, 327.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

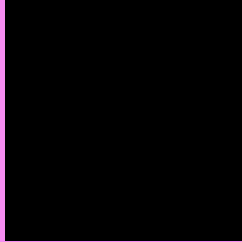
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 63.710, 327.829

Background



This preview shows how black text looks on a background with the CIELCh color 73, 63.710, 327.829.

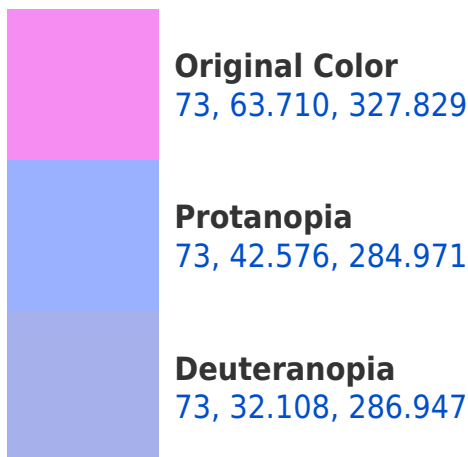


This preview shows how white text looks on a background with the CIELCh color 73, 63.710, 327.829.

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, 31.962, 10.991

Trichromacy



Original Color
73, 63.710, 327.829



Protanomaly
72, 47.597, 303.549



Deuteranomaly
72, 41.719, 307.913



Tritanomaly
73, 40.461, 346.974

Monochromacy



Original Color
73, 63.710, 327.829



Achromatopsia
75, 0.009, 296.813



Achromatomaly
73, 24.564, 326.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 63.710, 327.829 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(246, 141, 242)` looks like.

```
.text, #text, p{  
    color:rgb(246, 141, 242)  
}
```

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(246, 141, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 141, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 63.710, 327.829 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(246, 141, 242) }
```

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

```
.border{ border-color:rgb(246, 141, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 141, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 141, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 141, 242);  
box-shadow:4px 4px 4px 4px rgb(246, 141,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 63.710, 327.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 141, 242) }
```

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

```
.background{ background-color: rgb(246,  
141, 242) }
```

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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