

Converting Colors

CIELCh(73, 66.951, 328.310)

Have a look what the booklet for
CIELCh(73, 66.951, 328.310)
contains.

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Color

CIELCh(73, 67.210, 328.138)

Conversions

Conversions Part 1

Format	Color
Hex	FA8AF5
RGB	250, 138, 245
RGB Percent	98%, 54%, 96%
CMY	0.0191, 0.4583, 0.0387
CMYK	0.00, 0.45, 0.02, 0.02
HSL	303°, 92%, 76%
HSV	303°, 45%, 98%
XYZ	65.0831, 45.1644, 91.7805
YIQ	183.6860, 32.4050, 57.0210

Conversions

Conversions Part 2

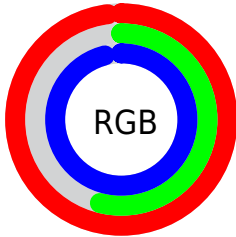
Format	Color
R_{YB}	250, 138, 245
Decimal	16419573
CIE _{Lab}	73.00, 57.08, -35.48
CIE _{LCh}	73, 67.210, 328.138
Yxy	45.1644, 0.3221, 0.2236
Android (android.graphics.Color)	4294609653 (0xFFFA8AF5)
YUV	183.6860, 30.2278, 58.1574
Hunter-Lab	67.2044, 55.2578, -33.9287

Details

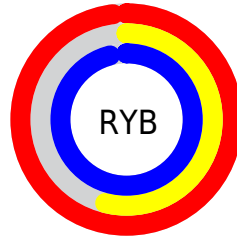
The CIELCh color **73, 67.210, 328.138** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **90, 67.471, 142.029**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 38.257, 325.753**, and **53, 67.162, 328.137** is the 20% darker color. If you saturate the color by 10%, you get **69, 80.298, 328.629**, and if you desaturate by 10%, it is **78, 52.880, 327.607**.

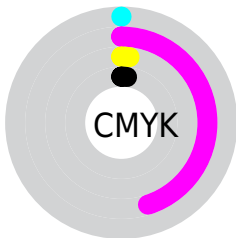
Distribution



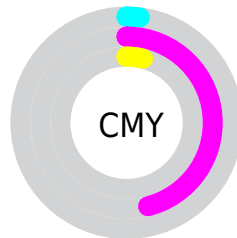
- Red (98%)
- Green (54%)
- Blue (96%)



- Red (98%)
- Yellow (54%)
- Blue (96%)



- Cyan (0%)
- Magenta (45%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (46%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 67.210, 328.138 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, 67.210, 328.138 by changing the saturation by 10% instead.


 73, 67.210,
328.138


 73, 67.210,
328.138


 100, 67.210,
328.138


 63, 67.210,
328.138


 93, 67.210,
328.138


 53, 67.210,
328.138

 43, 67.210,
328.138

 33, 67.210,
328.138

 23, 67.210,
328.138

 13, 67.210,
328.138

 3, 67.210, 328.138

■ 0, 67.210, 328.138

■ 73, 67.210,
328.138

■ 73, 67.210,
328.138

■ 69, 80.298,
328.629

■ 78, 52.880,
327.607

■ 65, 91.535,
329.068

■ 84, 37.851,
327.051

■ 62, 100.320,
329.445

■ 89, 22.541,
326.479

■ 60, 106.231,
329.758

■ 95, 7.248, 325.884

■ 59, 109.201,
330.012

■ 100, 2.765,
147.905

■ 59, 109.901,
330.129

■ 100, 2.342,
156.439

100, 1.991,
168.319

100, 1.756,
184.236

100, 1.687,
199.691

Harmonies

Complementary

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



73, 67.210, 328.138



90, 67.471, 142.029

Rectangle

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



73, 67.210, 328.138



73, 67.210, 18.138



73, 67.210, 148.138



73, 67.210, 198.138

Sweetspot

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



73, 67.207, 328.138



92, 20.126, 326.377



62, 62.684, 297.426



48, 14.096, 326.505



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, 67.207, 328.138



70, 80.573, 328.596



71, 49.263, 350.379



49, 8.641, 326.172



44, 88.979, 330.095



11, 40.437, 329.851

Inverse Universe

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



73, 67.207, 328.138



70, 80.573, 328.596



91, 46.294, 160.796



49, 8.641, 326.172



44, 88.979, 330.095



11, 40.437, 329.851

Previews

White Background



This preview shows how the CIELCh color 73, 67.210, 328.138 looks on a white background.

Color Contrast Check

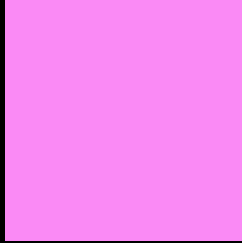
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 67.210, 328.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

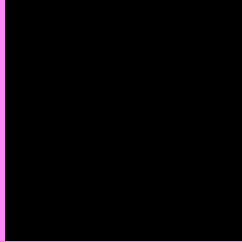
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 67.210, 328.138

Background



This preview shows how black text looks on a background with the CIELCh color 73, 67.210, 328.138.



This preview shows how white text looks on a background with the CIELCh color 73, 67.210, 328.138.

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

73, 67.210, 328.138

Protanopia

73, 42.576, 284.971

Deuteranopia

73, 33.204, 286.748



Tritanopia
73, 33.546, 12.650

Trichromacy



Original Color
73, 67.210, 328.138



Protanomaly
72, 48.785, 304.143



Deuteranomaly
72, 43.970, 308.134



Tritanomaly
73, 41.947, 348.754

Monochromacy



Original Color
73, 67.210, 328.138



Achromatopsia
75, 0.009, 296.813



Achromatomaly
73, 25.849, 326.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 67.210, 328.138 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(250, 138, 245)` looks like.

```
.text, #text, p{  
    color:rgb(250, 138, 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(250, 138, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 138, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 67.210, 328.138 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(250, 138, 245) }
```

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

```
.border{ border-color:rgb(250, 138, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 138, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 138, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 138, 245);  
box-shadow:4px 4px 4px 4px rgb(250, 138,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 67.210, 328.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 138, 245) }
```

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

```
.background{ background-color: rgb(250,  
138, 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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