

Converting Colors

CIELCh(69, 56.680, 338.162)

Have a look what the booklet for
CIELCh(69, 56.680, 338.162)
contains.

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Color

CIELCh(69, 56.703, 338.041)

Conversions

Conversions Part 1

Format	Color
Hex	F282D0
RGB	242, 130, 208
RGB Percent	95%, 51%, 82%
CMY	0.0514, 0.4906, 0.1847
CMYK	0.00, 0.46, 0.14, 0.05
HSL	318°, 81%, 73%
HSV	318°, 46%, 95%
XYZ	55.9207, 39.3444, 64.2539
YIQ	172.3800, 41.7140, 48.0020

Conversions

Conversions Part 2

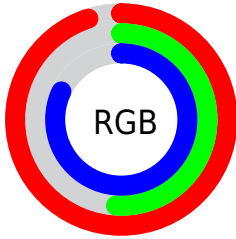
Format	Color
R_{YB}	242, 130, 208
Decimal	15893200
CIE _{Lab}	69.00, 52.59, -21.20
CIE _{LCh}	69, 56.703, 338.041
Yxy	39.3444, 0.3506, 0.2466
Android (android.graphics.Color)	4294083280 (0xFFFF282D0)
YUV	172.3800, 17.5607, 61.0567
Hunter-Lab	62.7251, 49.3675, -16.8275

Details

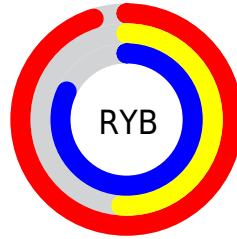
The CIELCh color **69, 56.703, 338.041** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87, 56.142, 150.122**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 43.248, 325.923**, and **49, 56.561, 338.364** is the 20% darker color. If you saturate the color by 10%, you get **64, 67.337, 339.020**, and if you desaturate by 10%, it is **74, 44.988, 337.152**.

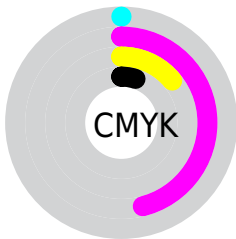
Distribution



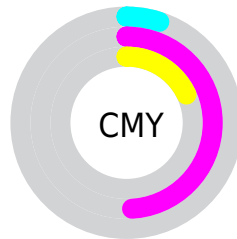
- Red (95%)
- Green (51%)
- Blue (82%)



- Red (95%)
- Yellow (51%)
- Blue (82%)



- Cyan (0%)
- Magenta (46%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (49%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 56.703, 338.041 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 69, 56.703, 338.041 by changing the saturation by 10% instead.


 69, 56.703,
338.041


 69, 56.703,
338.041


 100, 56.703,
338.041


 59, 56.703,
338.041


 89, 56.703,
338.041

 49, 56.703,
338.041

 99, 56.703,
338.041

 39, 56.703,
338.041

 29, 56.703,
338.041

 19, 56.703,
338.041

 9, 56.703, 338.041

 0, 56.703, 338.041

69, 56.703,
338.041

69, 56.703,
338.041

64, 67.337,
339.020

74, 44.988,
337.152

60, 76.302,
340.123

80, 32.697,
336.329

57, 82.994,
341.401

86, 20.199,
335.558

55, 86.972,
342.925

92, 7.748, 334.810

98, 4.495, 154.275

54, 88.178,
344.778

99, 4.822, 180.457

54, 88.208,
345.530

99, 4.520, 199.265

Harmonies

Complementary

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



69, 56.703, 338.041



87, 56.142, 150.122

Rectangle

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



69, 56.703, 338.041



69, 56.703, 28.041



69, 56.703, 158.041



69, 56.703, 208.041

Sweetspot

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



69, 56.700, 338.041



91, 18.088, 335.389



62, 63.597, 305.291



47, 12.504, 335.551



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 56.700, 338.041



68, 69.941, 339.006



67, 45.710, 9.489



47, 6.959, 335.050



41, 71.969, 345.137



9, 32.304, 342.125

Inverse Universe

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



69, 56.700, 338.041



68, 69.941, 339.006



89, 37.361, 178.661



47, 6.959, 335.050



41, 71.969, 345.137



9, 32.304, 342.125

Previews

White Background



This preview shows how the CIELCh color 69, 56.703, 338.041 looks on a white background.

Color Contrast Check

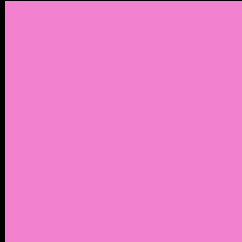
Large Text (above 18pt) WCAG AA × Fail

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 69, 56.703, 338.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

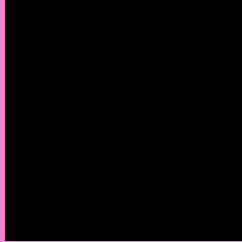
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 56.703, 338.041

Background



This preview shows how black text looks on a background with the CIELCh color 69, 56.703, 338.041.



This preview shows how white text looks on a background with the CIELCh color 69, 56.703, 338.041.

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
69, 38.110, 15.341

Trichromacy



Original Color
69, 56.703, 338.041



Protanomaly
68, 40.352, 307.120



Deuteranomaly
68, 32.637, 321.338



Tritanomaly
69, 42.074, 358.359

Monochromacy



Original Color
69, 56.703, 338.041



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 21.395, 335.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 56.703, 338.041 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, 130, 208)` looks like.

```
.text, #text, p{  
    color:rgb(242, 130, 208)  
}
```

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, 130, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 130, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 56.703, 338.041 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, 130, 208) }
```

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

```
.border{ border-color:rgb(242, 130, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 130, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 130, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 130, 208);  
box-shadow:4px 4px 4px 4px rgb(242, 130,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 56.703, 338.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 130, 208) }
```

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

```
.background{ background-color: rgb(242,  
130, 208) }
```

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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