

Converting Colors

CIELCh(70, 56.517, 336.949)

Have a look what the booklet for
CIELCh(70, 56.517, 336.949)
contains.

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Color

CIELCh(70, 56.545, 336.965)

Conversions

Conversions Part 1

Format	Color
Hex	F385D4
RGB	243, 133, 212
RGB Percent	95%, 52%, 83%
CMY	0.0457, 0.4772, 0.1673
CMYK	0.00, 0.45, 0.13, 0.05
HSL	317°, 83%, 74%
HSV	317°, 45%, 95%
XYZ	57.4388, 40.7494, 67.3427
YIQ	174.8960, 40.2010, 47.8890

Conversions

Conversions Part 2

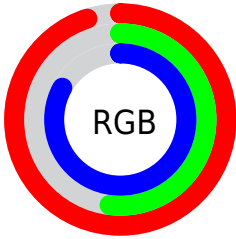
Format	Color
R _Y B	243, 133, 212
Decimal	15959508
CIE Lab	70.00, 52.04, -22.13
CIE LCh	70, 56.545, 336.965
Yxy	40.7494, 0.3470, 0.2462
Android (android.graphics.Color)	4294149588 (0xFFFF385D4)
YUV	174.8960, 18.2923, 59.7272
Hunter-Lab	63.8353, 48.9022, -17.8630

Details

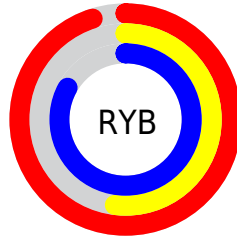
The CIELCh color **70, 56.545, 336.965** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **88, 56.109, 149.446**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 41.380, 325.860**, and **50, 56.530, 337.161** is the 20% darker color. If you saturate the color by 10%, you get **65, 67.507, 337.881**, and if you desaturate by 10%, it is **75, 44.534, 336.123**.

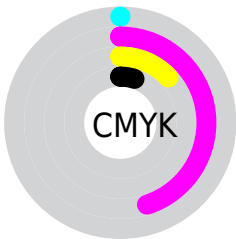
Distribution



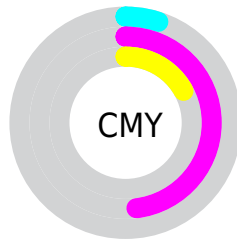
- Red (95%)
- Green (52%)
- Blue (83%)



- Red (95%)
- Yellow (52%)
- Blue (83%)



- Cyan (0%)
- Magenta (45%)
- Yellow (13%)
- Black (5%)





- Cyan (5%)
- Magenta (48%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 56.545, 336.965 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 70, 56.545, 336.965 by changing the saturation by 10% instead.


 70, 56.545,
336.965


 70, 56.545,
336.965


 100, 56.545,
336.965


 60, 56.545,
336.965


 90, 56.545,
336.965

 50, 56.545,
336.965

 40, 56.545,
336.965

 30, 56.545,
336.965

 20, 56.545,
336.965

 10, 56.545,
336.965

 0, 56.545, 336.965

70, 56.545,
336.965

70, 56.545,
336.965

65, 67.507,
337.881

75, 44.534,
336.123

61, 76.835,
338.896

81, 31.975,
335.335

58, 83.916,
340.054

87, 19.228,
334.590

56, 88.280,
341.415

93, 6.542, 333.856

99, 5.926, 153.325

55, 89.814,
343.051

99, 4.115, 188.573

54, 89.859,
343.923

99, 4.022, 199.315

Harmonies

Complementary

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



70, 56.545, 336.965



88, 56.109, 149.446

Rectangle

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



70, 56.545, 336.965



70, 56.545, 26.965



70, 56.545, 156.965



70, 56.545, 206.965

Sweetspot

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



70, 56.542, 336.965



91, 18.366, 334.505



63, 62.224, 304.187



47, 12.695, 334.662



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 56.542, 336.965



69, 68.787, 337.778



68, 44.964, 6.751



48, 7.190, 334.175



41, 73.721, 343.584



10, 33.624, 341.011

Inverse Universe

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



70, 56.542, 336.965



69, 68.787, 337.778



89, 37.718, 176.108



48, 7.190, 334.175



41, 73.721, 343.584



10, 33.624, 341.011

Previews

White Background



This preview shows how the CIELCh color 70, 56.545, 336.965 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 70, 56.545, 336.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

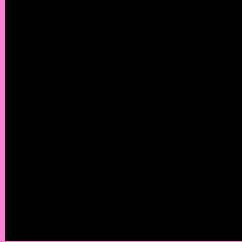
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 56.545, 336.965

Background



This preview shows how black text looks on a background with the CIELCh color 70, 56.545, 336.965.

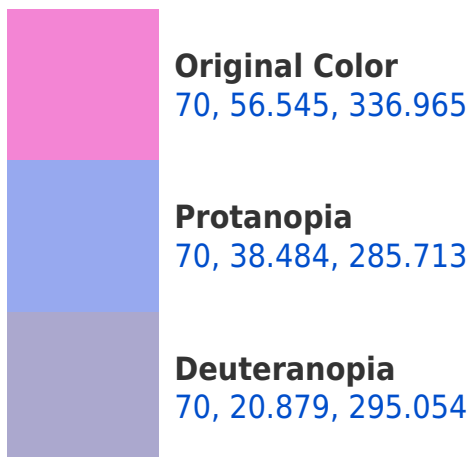


This preview shows how white text looks on a background with the CIELCh color 70, 56.545, 336.965.

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
70, 37.160, 14.159

Trichromacy



Original Color
70, 56.545, 336.965



Protanomaly
69, 41.386, 307.240



Deuteranomaly
69, 32.705, 319.706

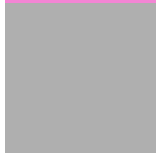


Tritanomaly
70, 41.453, 356.997

Monochromacy



Original Color
70, 56.545, 336.965



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 21.709, 334.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 56.545, 336.965 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(243, 133, 212)` looks like.

```
.text, #text, p{  
    color:rgb(243, 133, 212)  
}
```

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(243, 133, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 133, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 56.545, 336.965 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(243, 133, 212) }
```

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

```
.border{ border-color:rgb(243, 133, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 133, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 133, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 133, 212);  
box-shadow:4px 4px 4px 4px rgb(243, 133,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 56.545, 336.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 133, 212) }
```

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

```
.background{ background-color: rgb(243,  
133, 212) }
```

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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