

Converting Colors

CIELCh(70, 45.342, 352.828)

Have a look what the booklet for
CIELCh(70, 45.342, 352.828)
contains.

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Color

CIELCh(70, 45.633, 352.564)

Conversions

Conversions Part 1

Format	Color
Hex	F38AB7
RGB	243, 138, 183
RGB Percent	95%, 54%, 72%
CMY	0.0462, 0.4581, 0.2816
CMYK	0.00, 0.43, 0.25, 0.05
HSL	334°, 82%, 75%
HSV	334°, 43%, 95%
XYZ	54.7163, 40.7494, 49.8848
YIQ	174.5250, 48.1350, 36.2550

Conversions

Conversions Part 2

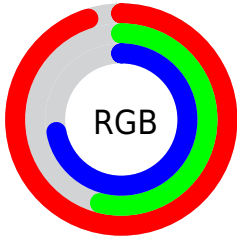
Format	Color
R_{YB}	243, 138, 183
Decimal	15960759
CIE _{Lab}	70.00, 45.25, -5.91
CIE _{LCh}	70, 45.633, 352.564
Yxy	40.7494, 0.3764, 0.2804
Android (android.graphics.Color)	4294150839 (0xFFFF38AB7)
YUV	174.5250, 4.1782, 60.0526
Hunter-Lab	63.8353, 41.2894, -1.6481

Details

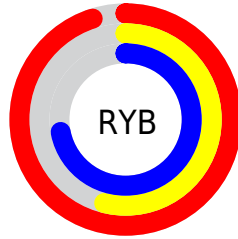
The CIELCh color **70, 45.633, 352.564** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89, 42.386, 163.159**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 32.560, 334.303**, and **50, 45.692, 352.812** is the 20% darker color. If you saturate the color by 10%, you get **65, 55.627, 354.265**, and if you desaturate by 10%, it is **76, 35.066, 351.147**.

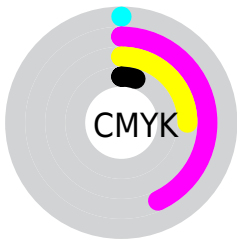
Distribution



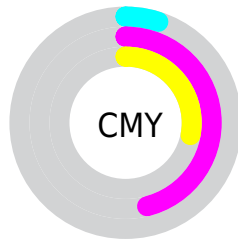
- Red (95%)
- Green (54%)
- Blue (72%)



- Red (95%)
- Yellow (54%)
- Blue (72%)



- Cyan (0%)
- Magenta (43%)
- Yellow (25%)
- Black (5%)





- Cyan (5%)
- Magenta (46%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 45.633, 352.564 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, 45.633, 352.564 by changing the saturation by 10% instead.


 70, 45.633,
352.564


 70, 45.633,
352.564


 100, 45.633,
352.564


 60, 45.633,
352.564


 90, 45.633,
352.564

 50, 45.633,
352.564

 40, 45.633,
352.564

 30, 45.633,
352.564

 20, 45.633,
352.564

 10, 45.633,
352.564

 0, 45.633, 352.564

70, 45.633,
352.564

70, 45.633,
352.564

65, 55.627,
354.265

76, 35.066,
351.147

61, 64.556,
356.355

81, 24.323,
349.933

57, 71.868,
358.979

88, 13.664,
348.865

54, 77.132, 2.317

94, 3.250, 347.817

53, 80.272, 6.535

99, 4.267, 183.296

52, 81.602, 9.861

99, 4.070, 199.310

Harmonies

Complementary

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



70, 45.633, 352.564



89, 42.386, 163.159

Rectangle

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



70, 45.633, 352.564



70, 45.633, 42.564



70, 45.633, 172.564



70, 45.633, 222.564

Sweetspot

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



70, 45.630, 352.565



91, 14.003, 348.851



67, 60.761, 313.373



47, 9.828, 349.077



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, 45.630, 352.565



68, 56.615, 354.071



70, 41.211, 28.521



48, 5.893, 348.495



40, 66.706, 8.931



9, 29.763, 1.643

Inverse Universe

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



70, 45.630, 352.565



68, 56.615, 354.071



88, 29.785, 204.649



48, 5.893, 348.495



40, 66.706, 8.931



9, 29.763, 1.643

Previews

White Background



This preview shows how the CIELCh color 70, 45.633, 352.564 looks on a white background.

Color Contrast Check

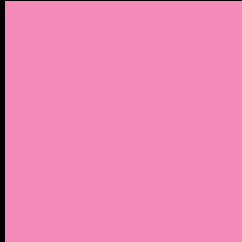
Large Text (above 18pt) WCAG AA × Fail

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, 45.633, 352.564 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, 45.633, 352.564

Background



This preview shows how black text looks on a background with the CIELCh color 70, 45.633, 352.564.



This preview shows how white text looks on a background with the CIELCh color 70, 45.633, 352.564.

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

70, 45.633, 352.564

Protanopia

70, 18.116, 286.509

Deuteranopia

70, 9.736, 337.902



Tritanopia
70, 38.822, 15.546

Trichromacy



Original Color
70, 45.633, 352.564



Protanomaly
69, 24.472, 323.253



Deuteranomaly
70, 22.960, 346.961

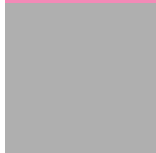


Tritanomaly
70, 40.361, 6.029

Monochromacy



Original Color
70, 45.633, 352.564



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 16.855, 349.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 45.633, 352.564 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, 138, 183)` looks like.

```
.text, #text, p{  
    color:rgb(243, 138, 183)  
}
```

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, 138, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 138, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 45.633, 352.564 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, 138, 183) }
```

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

```
.border{ border-color:rgb(243, 138, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 138, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 138, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 138, 183); box-shadow:4px 4px 4px 4px rgb(243, 138, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 45.633, 352.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 138, 183) }
```

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

```
.background{ background-color: rgb(243,  
138, 183) }
```

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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