

Converting Colors

CIELCh(67, 52.951, 352.700)

Have a look what the booklet for
CIELCh(67, 52.951, 352.700)
contains.

CIELCh(67, 52.977, 352.718)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 52.977, 352.718)

Conversions

Conversions Part 1

Format	Color
Hex	F57BB1
RGB	245, 123, 177
RGB Percent	96%, 48%, 69%
CMY	0.0403, 0.5186, 0.3068
CMYK	0.00, 0.50, 0.28, 0.04
HSL	333°, 86%, 72%
HSV	333°, 50%, 96%
XYZ	52.5242, 36.6320, 45.7684
YIQ	165.6340, 55.3780, 42.6580

Conversions

Conversions Part 2

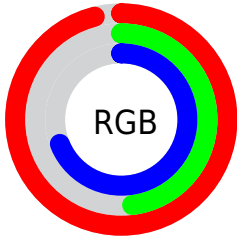
Format	Color
R _Y B	245, 123, 177
Decimal	16087985
CIE Lab	67.00, 52.55, -6.71
CIE LCh	67, 52.977, 352.718
Yxy	36.6320, 0.3893, 0.2715
Android (android.graphics.Color)	4294278065 (0xFFFF57BB1)
YUV	165.6340, 5.6034, 69.6040
Hunter-Lab	60.5244, 48.9881, -2.4680

Details

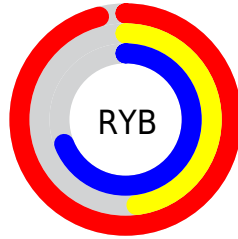
The CIELCh color $67, 52.977, 352.718$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $88, 49.095, 161.430$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 39.042, 336.014$, and $47, 52.728, 353.141$ is the 20% darker color. If you saturate the color by 10%, you get $62, 62.367, 354.614$, and if you desaturate by 10%, it is $72, 42.655, 351.160$.

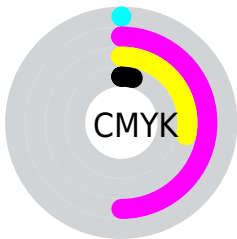
Distribution



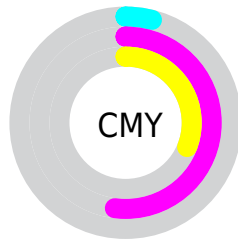
- Red (96%)
- Green (48%)
- Blue (69%)



- Red (96%)
- Yellow (48%)
- Blue (69%)



- Cyan (0%)
- Magenta (50%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (52%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 52.977, 352.718 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 67, 52.977, 352.718 by changing the saturation by 10% instead.


 67, 52.977,
352.718


 67, 52.977,
352.718


 100, 52.977,
352.718


 57, 52.977,
352.718


 87, 52.977,
352.718

 47, 52.977,
352.718

 97, 52.977,
352.718

 37, 52.977,
352.718

 27, 52.977,
352.718

 17, 52.977,
352.718

 7, 52.977, 352.718

 0, 52.977, 352.718

67, 52.977,
352.718

67, 52.977,
352.718

62, 62.367,
354.614

72, 42.655,
351.160

58, 70.281,
356.972

78, 31.889,
349.844

55, 76.209,
359.960

84, 21.025,
348.704

53, 79.917, 3.756

90, 10.296,
347.685

52, 81.854, 8.394

97, 0.159, 169.977

52, 81.884, 8.471

99, 3.551, 199.367

Harmonies

Complementary

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



67, 52.977, 352.718



88, 49.095, 161.430

Rectangle

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



67, 52.977, 352.718



67, 52.977, 42.718



67, 52.977, 172.718



67, 52.977, 222.718

Sweetspot

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



67, 52.974, 352.719



90, 16.342, 348.203



63, 70.464, 313.161



47, 11.178, 348.420



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 52.974, 352.719



65, 64.604, 354.675



67, 49.577, 28.370



48, 5.946, 347.651



40, 66.653, 7.546



9, 29.833, 0.477

Inverse Universe

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



67, 52.974, 352.719



65, 64.604, 354.675



88, 33.869, 202.727



48, 5.946, 347.651



40, 66.653, 7.546



9, 29.833, 0.477

Previews

White Background



This preview shows how the CIELCh color 67, 52.977, 352.718 looks on a white background.

Color Contrast Check

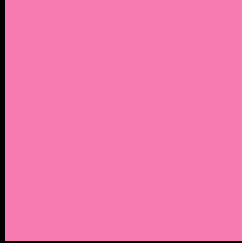
Large Text (above 18pt) WCAG AA × Fail

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 67, 52.977, 352.718 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 67, 52.977, 352.718

Background



This preview shows how black text looks on a background with the CIELCh color 67, 52.977, 352.718.

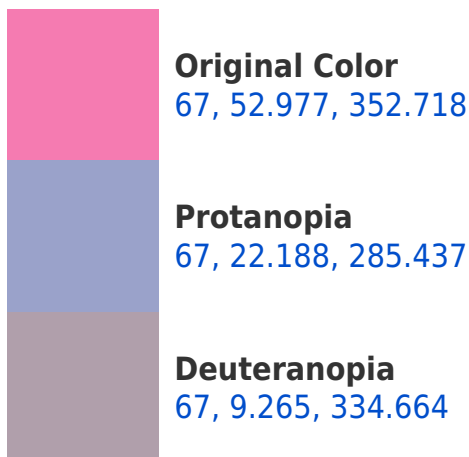


This preview shows how white text looks on a background with the CIELCh color 67, 52.977, 352.718.

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
67, 45.615, 18.456

Trichromacy



Original Color
67, 52.977, 352.718



Protanomaly
66, 28.671, 321.847



Deuteranomaly
67, 25.589, 346.661

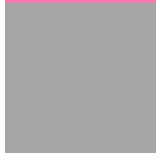


Tritanomaly
67, 47.087, 7.771

Monochromacy



Original Color
67, 52.977, 352.718



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 19.830, 349.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 52.977, 352.718 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(245, 123, 177)` looks like.

```
.text, #text, p{  
    color:rgb(245, 123, 177)  
}
```

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(245, 123, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 123, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 52.977, 352.718 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(245, 123, 177) }
```

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

```
.border{ border-color:rgb(245, 123, 177) }
```

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

Here you see how a box with a 4 pixel rgb(245, 123, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 123, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 123, 177);  
box-shadow:4px 4px 4px 4px rgb(245, 123,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 52.977, 352.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 123, 177) }
```

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

```
.background{ background-color: rgb(245,  
123, 177) }
```

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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