

Converting Colors

CIELCh(68, 44.897, 359.394)

Have a look what the booklet for
CIELCh(68, 44.897, 359.394)
contains.

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Color

CIELCh(68, 44.773, 359.729)

Conversions

Conversions Part 1

Format	Color
Hex	F085A8
RGB	240, 133, 168
RGB Percent	94%, 52%, 66%
CMY	0.0602, 0.4796, 0.3424
CMYK	0.00, 0.45, 0.30, 0.06
HSL	340°, 78%, 73%
HSV	340°, 45%, 94%
XYZ	51.2040, 37.9720, 41.5267
YIQ	168.9830, 52.5370, 33.5690

Conversions

Conversions Part 2

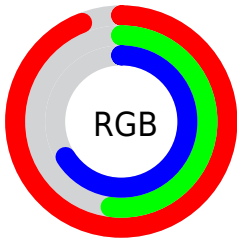
Format	Color
R _Y B	240, 133, 168
Decimal	15762856
CIE Lab	68.00, 44.77, -0.21
CIE LCh	68, 44.773, 359.729
Yxy	37.9720, 0.3918, 0.2905
Android (android.graphics.Color)	4293952936 (0xFFFF085A8)
YUV	168.9830, -0.4846, 62.2819
Hunter-Lab	61.6215, 40.4861, 3.1795

Details

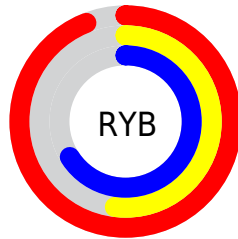
The CIELCh color $68, 44.773, 359.729$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $88, 39.675, 169.327$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $83, 30.378, 344.819$, and $48, 44.676, 359.661$ is the 20% darker color. If you saturate the color by 10%, you get $63, 54.550, 1.764$, and if you desaturate by 10%, it is $73, 34.566, 358.074$.

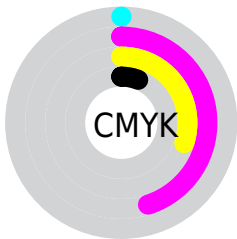
Distribution



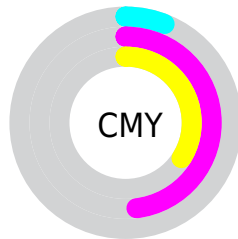
- Red (94%)
- Green (52%)
- Blue (66%)



- Red (94%)
- Yellow (52%)
- Blue (66%)



- Cyan (0%)
- Magenta (45%)
- Yellow (30%)
- Black (6%)



- Cyan (6%)
- Magenta (48%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 44.773, 359.729 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 68, 44.773, 359.729 by changing the saturation by 10% instead.

 68, 44.773,
359.729

 68, 44.773,
359.729

 100, 44.773,
359.729

 58, 44.773,
359.729

 88, 44.773,
359.729

 48, 44.773,
359.729

 98, 44.773,
359.729

 38, 44.773,
359.729

 28, 44.773,
359.729

 18, 44.773,
359.729

 8, 44.773, 359.729

 0, 44.773, 359.729

68, 44.773,
359.729

68, 44.773,
359.729

63, 54.550, 1.764

73, 34.566,
358.074

59, 63.448, 4.312

79, 24.294,
356.692

55, 70.988, 7.545

53, 76.848, 11.640

85, 14.194,
355.507

51, 81.092, 16.685

92, 4.409, 354.410

51, 83.048, 19.640

98, 4.991, 173.749

99, 5.278, 199.196

Harmonies

Complementary

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



68, 44.773, 359.729



88, 39.675, 169.327

Rectangle

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



68, 44.773, 359.729



68, 44.773, 49.729



68, 44.773, 179.729



68, 44.773, 229.729

Sweetspot

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



68, 44.770, 359.731



91, 13.225, 355.332



66, 62.889, 316.587



47, 9.291, 355.577



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 44.770, 359.731



67, 56.728, 1.663



71, 39.307, 36.672



47, 5.461, 354.947



39, 67.686, 18.590



8, 28.758, 8.594

Inverse Universe

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



68, 44.770, 359.731



67, 56.728, 1.663



84, 28.003, 217.556



47, 5.461, 354.947



39, 67.686, 18.590



8, 28.758, 8.594

Previews

White Background



This preview shows how the CIELCh color 68, 44.773, 359.729 looks on a white background.

Color Contrast Check

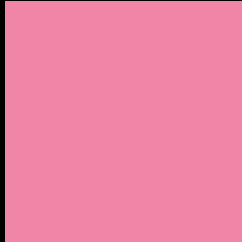
Large Text (above 18pt) WCAG AA × Fail

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 68, 44.773, 359.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

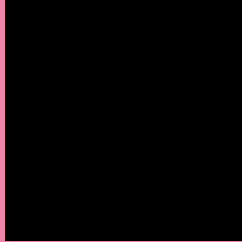
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 44.773, 359.729

Background



This preview shows how black text looks on a background with the CIELCh color 68, 44.773, 359.729.

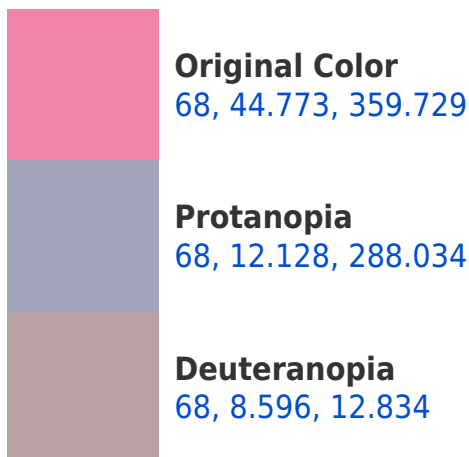


This preview shows how white text looks on a background with the CIELCh color 68, 44.773, 359.729.

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
68, 41.573, 15.794

Trichromacy



Original Color
68, 44.773, 359.729

Protanomaly
67, 20.590, 335.222

Deuteranomaly
68, 21.965, 1.281

Tritanomaly
68, 42.383, 9.503

Monochromacy



Original Color
68, 44.773, 359.729

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 16.607, 355.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 44.773, 359.729 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(240, 133, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 133, 168)  
}
```

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(240, 133, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 133, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 44.773, 359.729 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(240, 133, 168) }
```

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

```
.border{ border-color:rgb(240, 133, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 133, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 133, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 133, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 133,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 44.773, 359.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 133, 168) }
```

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

```
.background{ background-color: rgb(240,  
133, 168) }
```

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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