

Converting Colors

CIELCh(56, 71.320, 348.953)

Have a look what the booklet for
CIELCh(56, 71.320, 348.953)
contains.

CIELCh(56, 71.284, 348.782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(56, 71.284, 348.782)

Conversions

Conversions Part 1

Format	Color
Hex	E844A0
RGB	232, 68, 160
RGB Percent	91%, 27%, 63%
CMY	0.0892, 0.7322, 0.3717
CMYK	0.00, 0.71, 0.31, 0.09
HSL	326°, 78%, 59%
HSV	326°, 71%, 91%
XYZ	41.8113, 23.9124, 35.7735
YIQ	127.5240, 68.2120, 63.3800

Conversions

Conversions Part 2

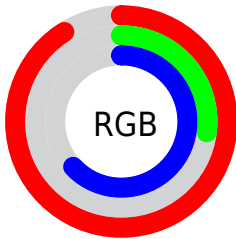
Format	Color
R _Y B	232, 68, 160
Decimal	15221920
CIE Lab	56.00, 69.92, -13.87
CIE LCh	56, 71.284, 348.782
Yxy	23.9124, 0.4119, 0.2356
Android (android.graphics.Color)	4293412000 (0xFFE844A0)
YUV	127.5240, 16.0107, 91.6255
Hunter-Lab	48.9003, 67.0476, -9.1439

Details

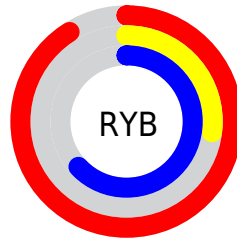
The CIELCh color **56, 71.284, 348.782** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **82, 70.160, 152.063**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 62.748, 338.929**, and **38, 65.990, 350.376** is the 20% darker color. If you saturate the color by 10%, you get **53, 76.520, 350.990**, and if you desaturate by 10%, it is **60, 63.838, 347.003**.

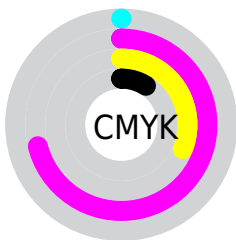
Distribution



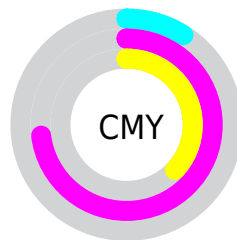
- Red (91%)
- Green (27%)
- Blue (63%)



- Red (91%)
- Yellow (27%)
- Blue (63%)



- Cyan (0%)
- Magenta (71%)
- Yellow (31%)
- Black (9%)





- Cyan (9%)
- Magenta (73%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 71.284, 348.782 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 56, 71.284, 348.782 by changing the saturation by 10% instead.


 56, 71.284,
348.782


 56, 71.284,
348.782


 100, 71.284,
348.782


 46, 71.284,
348.782


 76, 71.284,
348.782

 36, 71.284,
348.782

 86, 71.284,
348.782

 26, 71.284,
348.782

 96, 71.284,
348.782

 16, 71.284,
348.782

 6, 71.284, 348.782

 0, 71.284, 348.782

56, 71.284,
348.782

56, 71.284,
348.782

53, 76.520,
350.990

60, 63.838,
347.003

51, 79.284,
353.767

64, 54.714,
345.531

50, 80.013,
356.946

69, 44.481,
344.279

74, 33.638,
343.188

80, 22.561,
342.215

86, 11.510,
341.325

92, 0.651, 339.906

98, 9.922, 159.878

Harmonies

Complementary

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



56, 71.284, 348.782



82, 70.160, 152.063

Rectangle

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



56, 71.284, 348.782



56, 71.284, 38.782



56, 71.284, 168.782



56, 71.284, 218.782

Sweetspot

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



56, 71.280, 348.783



87, 24.816, 342.262



46, 94.341, 310.698



44, 16.822, 342.524



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 71.280, 348.783



57, 83.888, 352.252



54, 70.392, 26.315



46, 6.212, 341.227



39, 66.557, 356.306



8, 29.282, 350.742

Inverse Universe

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



56, 71.280, 348.783



57, 83.888, 352.252



84, 44.134, 188.917



46, 6.212, 341.227



39, 66.557, 356.306



8, 29.282, 350.742

Previews

White Background



This preview shows how the CIELCh color 56, 71.284, 348.782 looks on a white background.

Color Contrast Check

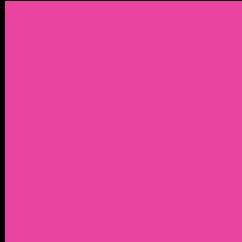
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 71.284, 348.782 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 × Fail

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

CIELCh 56, 71.284, 348.782

Background



This preview shows how black text looks on a background with the CIELCh color 56, 71.284, 348.782.

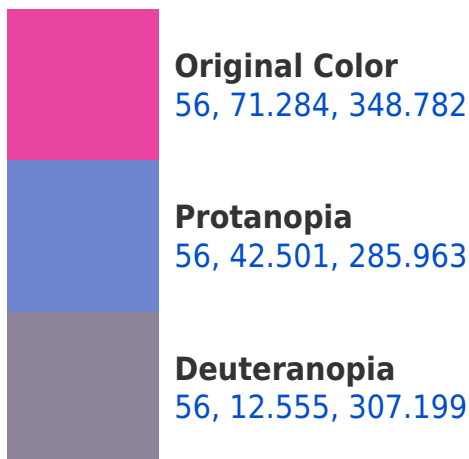


This preview shows how white text looks on a background with the CIELCh color 56, 71.284, 348.782.

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
56, 60.710, 25.566

Trichromacy



Original Color
56, 71.284, 348.782



Protanomaly
53, 48.475, 313.169



Deuteranomaly
54, 36.327, 336.536



Tritanomaly
56, 61.311, 10.562

Monochromacy



Original Color
56, 71.284, 348.782



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 30.330, 343.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 71.284, 348.782 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(232, 68, 160)` looks like.

```
.text, #text, p{  
    color:rgb(232, 68, 160)  
}
```

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(232, 68, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 68, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 71.284, 348.782 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(232, 68, 160) }
```

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

```
.border{ border-color:rgb(232, 68, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 68, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 68, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 68, 160);  
box-shadow:4px 4px 4px 4px rgb(232, 68,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 71.284, 348.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 68, 160) }
```

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

```
.background{ background-color: rgb(232, 68,  
160) }
```

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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