

Converting Colors

CIELCh(58, 69.551, 348.903)

Have a look what the booklet for
CIELCh(58, 69.551, 348.903)
contains.

CIELCh(58, 69.723, 348.648)	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(58, 69.723, 348.648)

Conversions

Conversions Part 1

Format	Color
Hex	EC4DA5
RGB	236, 77, 165
RGB Percent	93%, 30%, 65%
CMY	0.0733, 0.6968, 0.3519
CMYK	0.00, 0.67, 0.30, 0.07
HSL	327°, 81%, 61%
HSV	327°, 67%, 93%
XYZ	44.1828, 25.9610, 38.4053
YIQ	134.5730, 66.5160, 61.0760

Conversions

Conversions Part 2

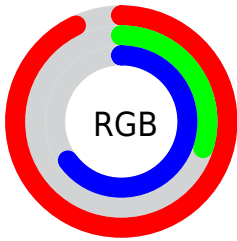
Format	Color
R _{YB}	236, 77, 165
Decimal	15486373
CIE _{Lab}	58.00, 68.36, -13.72
CIE _{LCh}	58, 69.723, 348.648
Yxy	25.9610, 0.4070, 0.2392
Android (android.graphics.Color)	4293676453 (0xFFEC4DA5)
YUV	134.5730, 15.0005, 88.9515
Hunter-Lab	50.9519, 65.6198, -9.0238

Details

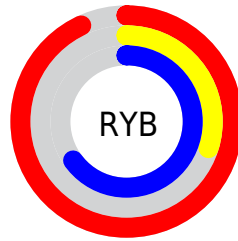
The CIELCh color **58, 69.723, 348.648** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **84, 68.007, 152.991**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 59.969, 337.655**, and **39, 67.598, 349.275** is the 20% darker color. If you saturate the color by 10%, you get **55, 75.807, 350.751**, and if you desaturate by 10%, it is **62, 61.566, 346.945**.

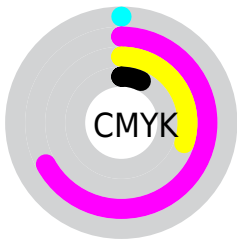
Distribution



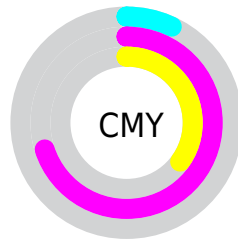
- Red (93%)
- Green (30%)
- Blue (65%)



- Red (93%)
- Yellow (30%)
- Blue (65%)



- Cyan (0%)
- Magenta (67%)
- Yellow (30%)
- Black (7%)




- Cyan (7%)
- Magenta (70%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 69.723, 348.648 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 58, 69.723, 348.648 by changing the saturation by 10% instead.

 58, 69.723,
348.648

 58, 69.723,
348.648

 100, 69.723,
348.648

 48, 69.723,
348.648

 78, 69.723,
348.648

 38, 69.723,
348.648

 88, 69.723,
348.648

 28, 69.723,
348.648

 98, 69.723,
348.648

 18, 69.723,
348.648

 8, 69.723, 348.648

 0, 69.723, 348.648

■ 58, 69.723,
348.648

■ 58, 69.723,
348.648

■ 55, 75.807,
350.751

■ 62, 61.566,
346.945

■ 53, 79.445,
353.392

■ 67, 51.910,
345.527

■ 52, 80.696,
356.708

■ 72, 41.315,
344.315

■ 51, 80.858,
357.683

■ 77, 30.249,
343.252

■ 83, 19.051,
342.299

■ 89, 7.949, 341.414

■ 95, 2.917, 160.840

■ 99, 7.045, 176.632

Harmonies

Complementary

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



58, 69.723, 348.648



84, 68.007, 152.991

Rectangle

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



58, 69.723, 348.648



58, 69.723, 38.648



58, 69.723, 168.648



58, 69.723, 218.648

Sweetspot

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



58, 69.719, 348.649



87, 23.501, 342.557



49, 91.531, 310.563



45, 16.062, 342.824



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 69.719, 348.649



58, 82.189, 351.747



56, 67.940, 25.180



46, 6.179, 341.606



39, 66.391, 356.987



8, 29.188, 351.279

Inverse Universe

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



58, 69.719, 348.649



58, 82.189, 351.747



86, 43.592, 189.155



46, 6.179, 341.606



39, 66.391, 356.987



8, 29.188, 351.279

Previews

White Background



This preview shows how the CIELCh color 58, 69.723, 348.648 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 58, 69.723, 348.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

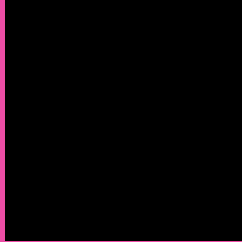
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 69.723, 348.648

Background



This preview shows how black text looks on a background with the CIELCh color 58, 69.723, 348.648.



This preview shows how white text looks on a background with the CIELCh color 58, 69.723, 348.648.

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

58, 69.723, 348.648

Protanopia

58, 39.963, 285.193

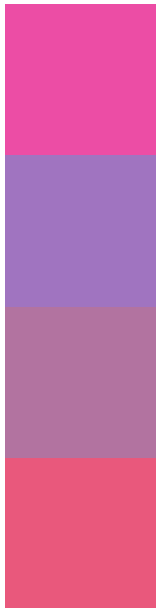
Deuteranopia

58, 12.473, 307.178



Tritanopia
58, 58.816, 24.339

Trichromacy



Original Color
58, 69.723, 348.648

Protanomaly
56, 45.957, 313.567

Deuteranomaly
56, 34.641, 336.242

Tritanomaly
58, 59.691, 9.725

Monochromacy



Original Color
58, 69.723, 348.648

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 28.871, 343.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 69.723, 348.648 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(236, 77, 165)` looks like.

```
.text, #text, p{  
    color:rgb(236, 77, 165)  
}
```

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(236, 77, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 77, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 69.723, 348.648 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(236, 77, 165) }
```

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

```
.border{ border-color:rgb(236, 77, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 77, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 77, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 77, 165);  
box-shadow:4px 4px 4px 4px rgb(236, 77,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 69.723, 348.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 77, 165) }
```

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

```
.background{ background-color: rgb(236, 77,  
165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor