

Converting Colors

CIELCh(59, 61.746, 353.527)

Have a look what the booklet for
CIELCh(59, 61.746, 353.527)
contains.

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Color

CIELCh(59, 61.688, 353.596)

Conversions

Conversions Part 1

Format	Color
Hex	E95A9C
RGB	233, 90, 156
RGB Percent	91%, 35%, 61%
CMY	0.0864, 0.6471, 0.3883
CMYK	0.00, 0.61, 0.33, 0.09
HSL	332°, 76%, 63%
HSV	332°, 61%, 91%
XYZ	43.2499, 27.0277, 34.3807
YIQ	140.2810, 64.0420, 50.8420

Conversions

Conversions Part 2

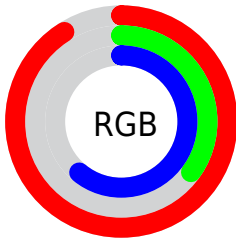
Format	Color
R_{YB}	233, 90, 156
Decimal	15293084
CIE _{Lab}	59.00, 61.30, -6.88
CIE _{LCh}	59, 61.688, 353.596
Yxy	27.0277, 0.4132, 0.2582
Android (android.graphics.Color)	4293483164 (0xFFE95A9C)
YUV	140.2810, 7.7495, 81.3146
Hunter-Lab	51.9882, 57.5178, -2.8177

Details

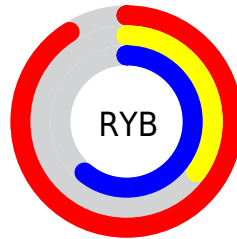
The CIELCh color **59, 61.688, 353.596** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **84, 57.395, 158.639**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 50.655, 343.282**, and **39, 61.601, 353.461** is the 20% darker color. If you saturate the color by 10%, you get **55, 69.016, 355.925**, and if you desaturate by 10%, it is **63, 52.817, 351.725**.

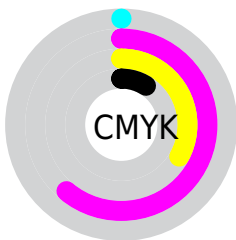
Distribution



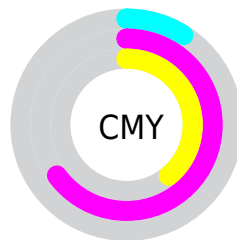
- Red (91%)
- Green (35%)
- Blue (61%)



- Red (91%)
- Yellow (35%)
- Blue (61%)



- Cyan (0%)
- Magenta (61%)
- Yellow (33%)
- Black (9%)





- Cyan (9%)
- Magenta (65%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 61.688, 353.596 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 59, 61.688, 353.596 by changing the saturation by 10% instead.


 59, 61.688,
353.596


 59, 61.688,
353.596


 100, 61.688,
353.596


 49, 61.688,
353.596


 79, 61.688,
353.596

 39, 61.688,
353.596

 89, 61.688,
353.596

 29, 61.688,
353.596

 99, 61.688,
353.596

 19, 61.688,
353.596

 9, 61.688, 353.596

 0, 61.688, 353.596

■ 59, 61.688,
353.596

■ 59, 61.688,
353.596

■ 55, 69.016,
355.925

■ 63, 52.817,
351.725

■ 53, 74.341,
358.872

■ 68, 42.957,
350.182

■ 51, 77.473, 2.610

■ 74, 32.580,
348.877

■ 50, 78.847, 6.465

■ 79, 22.047,
347.746

■ 85, 11.600,
346.737

■ 91, 1.389, 345.555

■ 98, 8.507, 165.150

■ 98, 7.529, 199.017

Harmonies

Complementary

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



59, 61.688, 353.596



84, 57.395, 158.639

Rectangle

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



59, 61.688, 353.596



59, 61.688, 43.596



59, 61.688, 173.596



59, 61.688, 223.596

Sweetspot

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



59, 61.685, 353.597



88, 19.909, 347.403



53, 82.926, 313.128



45, 13.876, 347.707



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 61.685, 353.597



59, 75.843, 356.733



58, 61.300, 29.729



46, 5.811, 346.553



39, 65.293, 5.617



8, 28.288, 358.193

Inverse Universe

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



59, 61.685, 353.597



59, 75.843, 356.733



84, 37.981, 200.770



46, 5.811, 346.553



39, 65.293, 5.617



8, 28.288, 358.193

Previews

White Background



This preview shows how the CIELCh color 59, 61.688, 353.596 looks on a white background.

Color Contrast Check

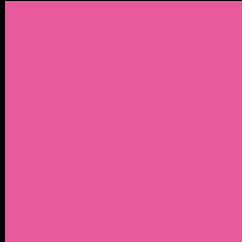
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 61.688, 353.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

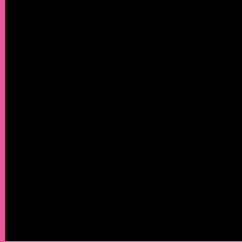
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 61.688, 353.596

Background



This preview shows how black text looks on a background with the CIELCh color 59, 61.688, 353.596.



This preview shows how white text looks on a background with the CIELCh color 59, 61.688, 353.596.

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

59, 61.688, 353.596

Protanopia

59, 27.887, 285.168

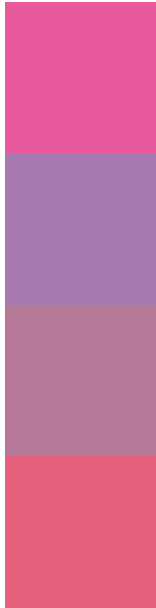
Deuteranopia

59, 8.555, 333.573



Tritanopia
59, 54.654, 23.203

Trichromacy



Original Color
59, 61.688, 353.596

Protanomaly
57, 35.722, 320.295

Deuteranomaly
58, 29.263, 346.333

Tritanomaly
59, 55.096, 11.396

Monochromacy



Original Color
59, 61.688, 353.596

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 24.454, 348.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 61.688, 353.596 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(233, 90, 156)` looks like.

```
.text, #text, p{  
    color:rgb(233, 90, 156)  
}
```

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(233, 90, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 90, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 61.688, 353.596 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(233, 90, 156) }
```

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

```
.border{ border-color:rgb(233, 90, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 90, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 90, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 90, 156);  
box-shadow:4px 4px 4px 4px rgb(233, 90,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 61.688, 353.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 90, 156) }
```

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

```
.background{ background-color: rgb(233, 90,  
156) }
```

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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