

Converting Colors

CIELCh(58, 61.698, 343.668)

Have a look what the booklet for
CIELCh(58, 61.698, 343.668)
contains.

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Color

CIELCh(58, 61.982, 343.813)

Conversions

Conversions Part 1

Format	Color
Hex	DE5BAB
RGB	222, 91, 171
RGB Percent	87%, 36%, 67%
CMY	0.1293, 0.6430, 0.3293
CMYK	0.00, 0.59, 0.23, 0.13
HSL	323°, 67%, 61%
HSV	323°, 59%, 87%
XYZ	41.2281, 25.9610, 41.3773
YIQ	139.2890, 52.3960, 52.6520

Conversions

Conversions Part 2

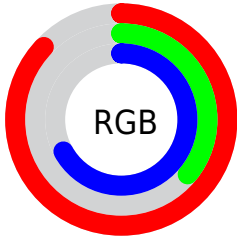
Format	Color
R_{YB}	222, 91, 171
Decimal	14572459
CIE _{Lab}	58.00, 59.52, -17.28
CIE _{LCh}	58, 61.982, 343.813
Yxy	25.9610, 0.3798, 0.2391
Android (android.graphics.Color)	4292762539 (0xFFDE5BAB)
YUV	139.2890, 15.6335, 72.5375
Hunter-Lab	50.9519, 55.2685, -12.4821

Details

The CIELCh color **58, 61.982, 343.813** 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 **80, 60.903, 151.830**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 55.736, 336.143**, and **38, 62.082, 343.837** is the 20% darker color. If you saturate the color by 10%, you get **54, 69.585, 345.300**, and if you desaturate by 10%, it is **62, 52.782, 342.555**.

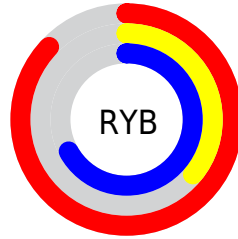
Distribution



Red (87%)

Green (36%)

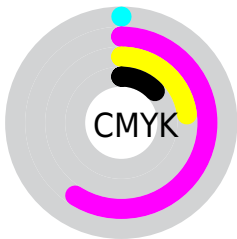
Blue (67%)



Red (87%)

Yellow (36%)

Blue (67%)

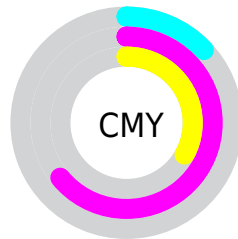


Cyan (0%)

Magenta (59%)

Yellow (23%)

Black (13%)



Cyan (13%)


Magenta (64%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 61.982, 343.813 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, 61.982, 343.813 by changing the saturation by 10% instead.


 58, 61.982,
343.813


 58, 61.982,
343.813


 100, 61.982,
343.813


 48, 61.982,
343.813


 78, 61.982,
343.813

 38, 61.982,
343.813

 88, 61.982,
343.813

 28, 61.982,
343.813

 98, 61.982,
343.813

 18, 61.982,
343.813

 8, 61.982, 343.813

 0, 61.982, 343.813

58, 61.982,
343.813

58, 61.982,
343.813

54, 69.585,
345.300

62, 52.782,
342.555

52, 75.070,
347.104

67, 42.546,
341.460

50, 78.096,
349.341

72, 31.743,
340.485

49, 78.882,
352.094

78, 20.727,
339.599

49, 78.924,
352.383

83, 9.741, 338.772

89, 1.061, 158.444

95, 11.590,
157.413

97, 13.817,
165.352

■ 98, 11.761,
183.120

Harmonies

Complementary

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



58, 61.982, 343.813



80, 60.903, 151.830

Rectangle

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



58, 61.982, 343.813



58, 61.982, 33.813



58, 61.982, 163.813



58, 61.982, 213.813

Sweetspot

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



58, 61.979, 343.814



88, 21.958, 339.526



50, 76.582, 308.716



45, 15.284, 339.776



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, 61.979, 343.814



61, 79.055, 345.725



56, 55.366, 18.864



44, 6.201, 338.808



38, 66.524, 351.869



7, 27.855, 346.887

Inverse Universe

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



58, 61.979, 343.814



61, 79.055, 345.725



81, 39.578, 184.753



44, 6.201, 338.808



38, 66.524, 351.869



7, 27.855, 346.887

Previews

White Background



This preview shows how the CIELCh color 58, 61.982, 343.813 looks on a white background.

Color Contrast Check

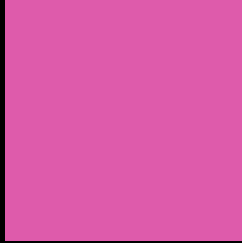
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.982, 343.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

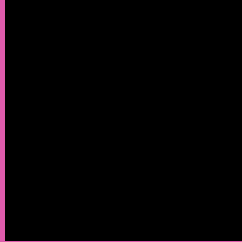
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 61.982, 343.813

Background



This preview shows how black text looks on a background with the CIELCh color 58, 61.982, 343.813.

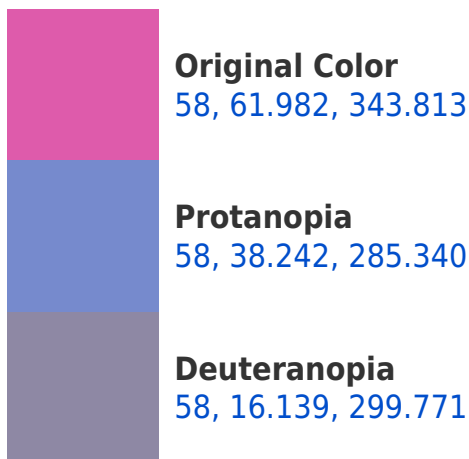


This preview shows how white text looks on a background with the CIELCh color 58, 61.982, 343.813.

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
58, 47.669, 20.983

Trichromacy



Original Color
58, 61.982, 343.813



Protanomaly
57, 42.877, 310.463



Deuteranomaly
57, 32.652, 328.306



Tritanomaly
58, 49.991, 5.362

Monochromacy



Original Color
58, 61.982, 343.813



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 24.480, 340.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 61.982, 343.813 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(222, 91, 171)` looks like.

```
.text, #text, p{  
    color:rgb(222, 91, 171)  
}
```

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(222, 91, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 91, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 61.982, 343.813 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(222, 91, 171) }
```

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

```
.border{ border-color:rgb(222, 91, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 91, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 91, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 91, 171); box-shadow:4px 4px 4px 4px rgb(222, 91, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 61.982, 343.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 91, 171) }
```

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

```
.background{ background-color: rgb(222, 91,  
171) }
```

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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