

Converting Colors

CIELCh(59, 54.450, 345.962)

Have a look what the booklet for
CIELCh(59, 54.450, 345.962)
contains.

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Color

CIELCh(59, 54.636, 346.229)

Conversions

Conversions Part 1

Format	Color
Hex	DA65A6
RGB	218, 101, 166
RGB Percent	85%, 40%, 65%
CMY	0.1444, 0.6033, 0.3484
CMYK	0.00, 0.54, 0.24, 0.14
HSL	327°, 61%, 63%
HSV	327°, 54%, 86%
XYZ	40.5298, 27.0277, 39.2312
YIQ	143.3930, 48.8670, 45.0190

Conversions

Conversions Part 2

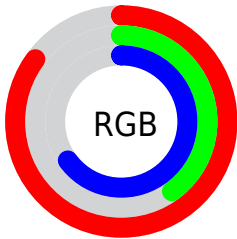
Format	Color
R _{YB}	218, 101, 166
Decimal	14312870
CIE _{Lab}	59.00, 53.07, -13.01
CIE _{LCh}	59, 54.636, 346.229
Yxy	27.0277, 0.3795, 0.2531
Android (android.graphics.Color)	4292502950 (0xFFDA65A6)
YUV	143.3930, 11.1453, 65.4303
Hunter-Lab	51.9882, 48.1784, -8.3495

Details

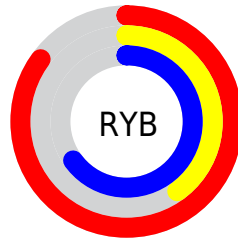
The CIELCh color $59, 54.636, 346.229$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $79, 52.677, 155.118$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $76, 48.810, 339.218$, and $39, 54.433, 346.278$ is the 20% darker color. If you saturate the color by 10%, you get $55, 62.899, 347.794$, and if you desaturate by 10%, it is $64, 45.175, 344.912$.

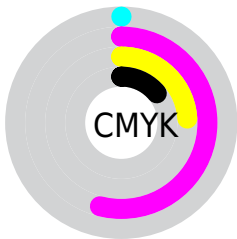
Distribution



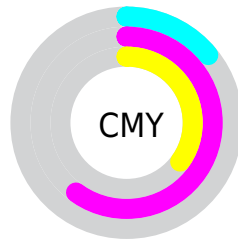
- Red (85%)
- Green (40%)
- Blue (65%)



- Red (85%)
- Yellow (40%)
- Blue (65%)



- Cyan (0%)
- Magenta (54%)
- Yellow (24%)
- Black (14%)



- Cyan (14%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 54.636, 346.229 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, 54.636, 346.229 by changing the saturation by 10% instead.

 59, 54.636,
346.229

 59, 54.636,
346.229

 100, 54.636,
346.229

 49, 54.636,
346.229

 79, 54.636,
346.229

 39, 54.636,
346.229

 89, 54.636,
346.229

 29, 54.636,
346.229

 99, 54.636,
346.229

 19, 54.636,
346.229

 9, 54.636, 346.229

 0, 54.636, 346.229

59, 54.636,
346.229

59, 54.636,
346.229

55, 62.899,
347.794

64, 45.175,
344.912

52, 69.431,
349.701

68, 35.019,
343.773

49, 73.783,
352.079

74, 24.556,
342.764

48, 75.802,
355.075

79, 14.060,
341.851

47, 76.240,
357.281

85, 3.709, 340.950

91, 6.392, 160.375

97, 16.187,
159.644

97, 13.992,
174.242

■ 97, 12.473,
194.993

Harmonies

Complementary

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



59, 54.636, 346.229



79, 52.677, 155.118

Rectangle

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



59, 54.636, 346.229



59, 54.636, 36.229



59, 54.636, 166.229



59, 54.636, 216.229

Sweetspot

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



59, 54.633, 346.230



90, 18.771, 342.073



53, 68.604, 309.802



46, 12.694, 342.260



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, 54.633, 346.230



64, 71.537, 347.955



57, 49.893, 21.157



43, 5.855, 341.485



37, 64.377, 356.654



6, 25.712, 350.532

Inverse Universe

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



59, 54.633, 346.230



64, 71.537, 347.955



81, 35.380, 190.148



43, 5.855, 341.485



37, 64.377, 356.654



6, 25.712, 350.532

Previews

White Background



This preview shows how the CIELCh color 59, 54.636, 346.229 looks on a white background.

Color Contrast Check

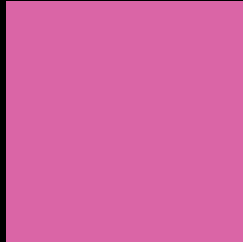
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.636, 346.229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

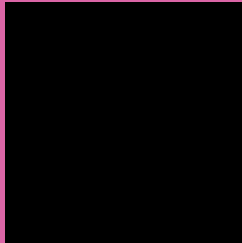
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 54.636, 346.229

Background



This preview shows how black text looks on a background with the CIELCh color 59, 54.636, 346.229.

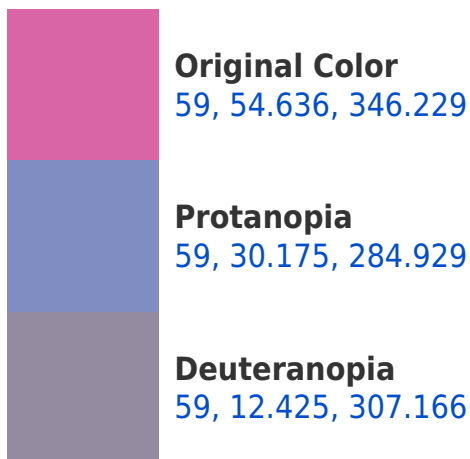


This preview shows how white text looks on a background with the CIELCh color 59, 54.636, 346.229.

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](#).

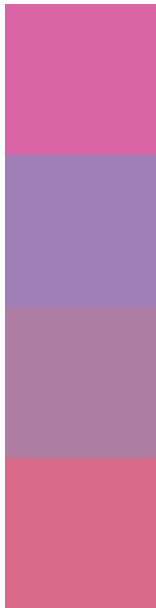
Dichromacy





Tritanopia
59, 43.479, 19.077

Trichromacy



Original Color
59, 54.636, 346.229

Protanomaly
58, 34.527, 313.156

Deuteranomaly
58, 27.896, 334.014

Tritanomaly
59, 45.873, 5.323

Monochromacy



Original Color
59, 54.636, 346.229

Achromatopsia
60, 0.008, 296.813

Achromatomaly
58, 21.480, 342.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 54.636, 346.229 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(218, 101, 166)` looks like.

```
.text, #text, p{  
    color:rgb(218, 101, 166)  
}
```

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(218, 101, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 101, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 54.636, 346.229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

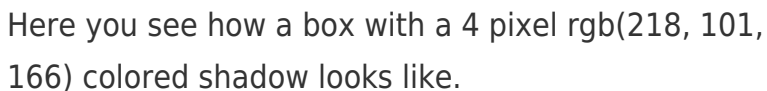
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 101, 166) }
```

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

```
.border{ border-color:rgb(218, 101, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 101, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 101, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 101, 166); box-shadow:4px 4px 4px 4px rgb(218, 101, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 54.636, 346.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 101, 166) }
```

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

```
.background{ background-color: rgb(218,  
101, 166) }
```

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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