

Converting Colors

CIELCh(59, 61.668, 333.994)

Have a look what the booklet for
CIELCh(59, 61.668, 333.994)
contains.

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Color

CIELCh(59, 61.748, 334.231)

Conversions

Conversions Part 1

Format	Color
Hex	D564BE
RGB	213, 100, 190
RGB Percent	84%, 39%, 75%
CMY	0.1642, 0.6073, 0.2544
CMYK	0.00, 0.53, 0.11, 0.16
HSL	312°, 57%, 61%
HSV	312°, 53%, 84%
XYZ	41.3566, 27.0277, 51.8247
YIQ	144.0470, 38.4580, 51.9460

Conversions

Conversions Part 2

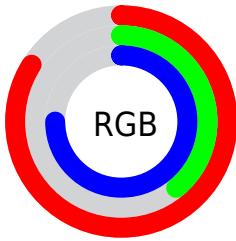
Format	Color
R _{YB}	213, 100, 190
Decimal	13984958
CIE _{Lab}	59.00, 55.61, -26.84
CIE _{LCh}	59, 61.748, 334.231
Yxy	27.0277, 0.3440, 0.2248
Android (android.graphics.Color)	4292175038 (0xFFD564BE)
YUV	144.0470, 22.6548, 60.4718
Hunter-Lab	51.9882, 51.0172, -22.7118

Details

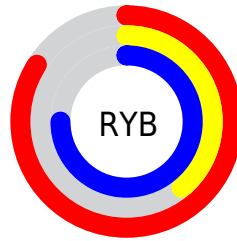
The CIELCh color **59, 61.748, 334.231** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **77, 62.023, 145.777**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 58.870, 328.937**, and **39, 61.683, 334.460** is the 20% darker color. If you saturate the color by 10%, you get **55, 70.993, 334.996**, and if you desaturate by 10%, it is **63, 51.117, 333.501**.

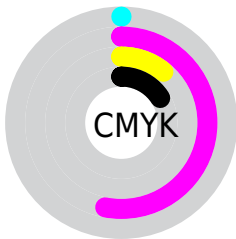
Distribution



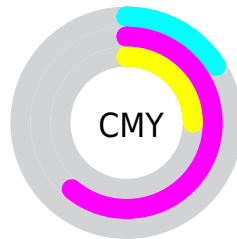
- Red (84%)
- Green (39%)
- Blue (75%)



- Red (84%)
- Yellow (39%)
- Blue (75%)



- Cyan (0%)
- Magenta (53%)
- Yellow (11%)
- Black (16%)





- Cyan (16%)
- Magenta (61%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 61.748, 334.231 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, 61.748, 334.231 by changing the saturation by 10% instead.


 59, 61.748,
334.231


 59, 61.748,
334.231


 100, 61.748,
334.231


 49, 61.748,
334.231


 79, 61.748,
334.231

 39, 61.748,
334.231

 89, 61.748,
334.231

 29, 61.748,
334.231

 99, 61.748,
334.231

 19, 61.748,
334.231

 9, 61.748, 334.231

 0, 61.748, 334.231

59, 61.748,
334.231

59, 61.748,
334.231

55, 70.993,
334.996

63, 51.117,
333.501

52, 78.315,
335.811

68, 39.622,
332.797

50, 83.254,
336.706

73, 27.679,
332.114

49, 85.613,
337.717

78, 15.600,
331.450


48, 86.083,
338.495

84, 3.596, 330.751

89, 8.196, 150.278

95, 19.699,
149.679

96, 21.468,
152.290

 97, 19.859,
156.574

Harmonies

Complementary

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



59, 61.748, 334.231



77, 62.023, 145.777

Rectangle

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



59, 61.748, 334.231



59, 61.748, 24.231



59, 61.748, 154.231



59, 61.748, 204.231

Sweetspot

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



59, 61.745, 334.231



90, 22.209, 331.658



50, 66.136, 303.124



47, 15.007, 331.795



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, 61.745, 334.231



65, 82.819, 335.125



57, 47.932, 3.338



42, 6.813, 331.213



39, 73.173, 338.305



6, 28.369, 336.046

Inverse Universe

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



59, 61.745, 334.231



65, 82.819, 335.125



78, 40.923, 170.131



42, 6.813, 331.213



39, 73.173, 338.305



6, 28.369, 336.046

Previews

White Background



This preview shows how the CIELCh color 59, 61.748, 334.231 looks on a white background.

Color Contrast Check

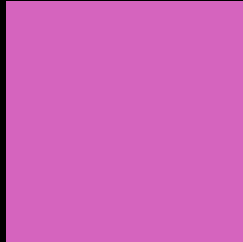
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 59, 61.748, 334.231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

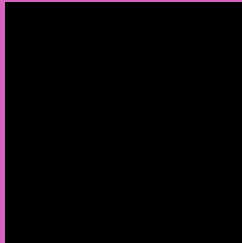
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 61.748, 334.231

Background



This preview shows how black text looks on a background with the CIELCh color 59, 61.748, 334.231.

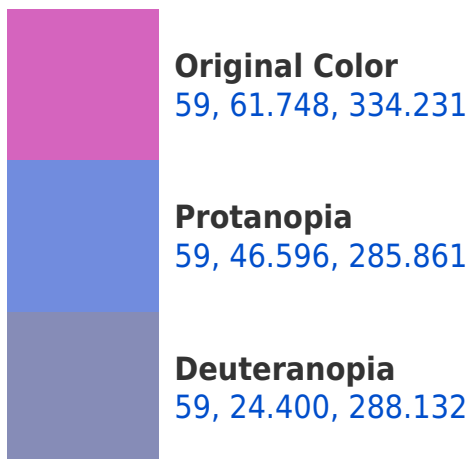


This preview shows how white text looks on a background with the CIELCh color 59, 61.748, 334.231.

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, 37.807, 17.317

Trichromacy



Original Color
59, 61.748, 334.231



Protanomaly
58, 48.442, 303.862



Deuteranomaly
58, 36.552, 314.439



Tritanomaly
59, 43.340, 356.179

Monochromacy



Original Color
59, 61.748, 334.231



Achromatopsia
60, 0.008, 296.813



Achromatomaly
58, 24.297, 331.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 61.748, 334.231 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(213, 100, 190)` looks like.

```
.text, #text, p{  
    color:rgb(213, 100, 190)  
}
```

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(213, 100, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 100, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 61.748, 334.231 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(213, 100, 190) }
```

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

```
.border{ border-color:rgb(213, 100, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 100, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 100, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 100, 190);  
box-shadow:4px 4px 4px 4px rgb(213, 100,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 61.748, 334.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 100, 190) }
```

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

```
.background{ background-color: rgb(213,  
100, 190) }
```

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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