

Converting Colors

CIELCh(58, 53.371, 347.122)

Have a look what the booklet for
CIELCh(58, 53.371, 347.122)
contains.

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Color

CIELCh(58, 53.131, 346.854)

Conversions

Conversions Part 1

Format	Color
Hex	D664A2
RGB	214, 100, 162
RGB Percent	84%, 39%, 64%
CMY	0.1614, 0.6084, 0.3653
CMYK	0.00, 0.53, 0.24, 0.16
HSL	327°, 58%, 62%
HSV	327°, 53%, 84%
XYZ	38.7356, 25.9610, 37.0834
YIQ	141.1540, 48.0420, 43.4500

Conversions

Conversions Part 2

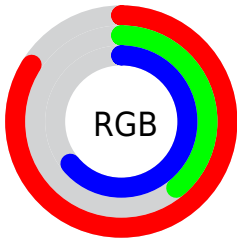
Format	Color
RYB	214, 100, 162
Decimal	14050466
CIELab	58.00, 51.74, -12.08
CIELCh	58, 53.131, 346.854
Yxy	25.9610, 0.3806, 0.2551
Android (android.graphics.Color)	4292240546 (0xFFD664A2)
YUV	141.1540, 10.2771, 63.8859
Hunter-Lab	50.9519, 46.5368, -7.4856

Details

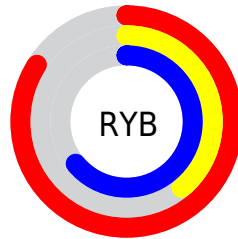
The CIELCh color **58, 53.131, 346.854** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78, 51.042, 155.722**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 48.133, 341.042**, and **38, 53.000, 346.921** is the 20% darker color. If you saturate the color by 10%, you get **54, 61.293, 348.450**, and if you desaturate by 10%, it is **62, 43.828, 345.514**.

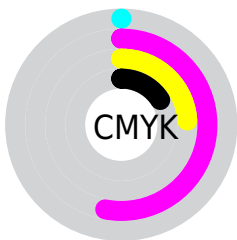
Distribution



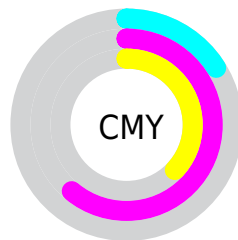
- Red (84%)
- Green (39%)
- Blue (64%)



- Red (84%)
- Yellow (39%)
- Blue (64%)



- Cyan (0%)
- Magenta (53%)
- Yellow (24%)
- Black (16%)





- Cyan (16%)
- Magenta (61%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 53.131, 346.854 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, 53.131, 346.854 by changing the saturation by 10% instead.


 58, 53.131,
346.854


 58, 53.131,
346.854


 100, 53.131,
346.854


 48, 53.131,
346.854


 78, 53.131,
346.854

 38, 53.131,
346.854

 88, 53.131,
346.854

 28, 53.131,
346.854

 98, 53.131,
346.854

 18, 53.131,
346.854

 8, 53.131, 346.854

 0, 53.131, 346.854

58, 53.131,
346.854

58, 53.131,
346.854

54, 61.293,
348.450

62, 43.828,
345.514

51, 67.794,
350.401

67, 33.874,
344.357

49, 72.190,
352.837

73, 23.639,
343.336

47, 74.319,
355.910

78, 13.388,
342.412

46, 74.854,
358.299

84, 3.290, 341.492

89, 6.556, 160.924

95, 16.099,
160.191

97, 16.261,
169.973

97, 14.248,
187.390

Harmonies

Complementary

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



58, 53.131, 346.854



78, 51.042, 155.722

Rectangle

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



58, 53.131, 346.854



58, 53.131, 36.854



58, 53.131, 166.854



58, 53.131, 216.854

Sweetspot

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



58, 53.128, 346.855



90, 18.626, 342.668



52, 67.124, 310.274



46, 12.597, 342.858



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, 53.128, 346.855



64, 71.119, 348.689



56, 48.979, 22.283



42, 5.697, 342.070



37, 63.454, 357.654



5, 24.019, 351.258

Inverse Universe

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



58, 53.128, 346.855



64, 71.119, 348.689



79, 34.366, 191.859



42, 5.697, 342.070



37, 63.454, 357.654



5, 24.019, 351.258

Previews

White Background



This preview shows how the CIELCh color 58, 53.131, 346.854 looks on a white background.

Color Contrast Check

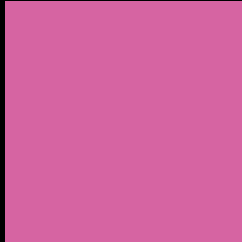
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 53.131, 346.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

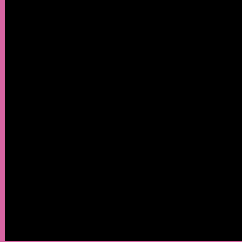
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 53.131, 346.854

Background



This preview shows how black text looks on a background with the CIELCh color 58, 53.131, 346.854.

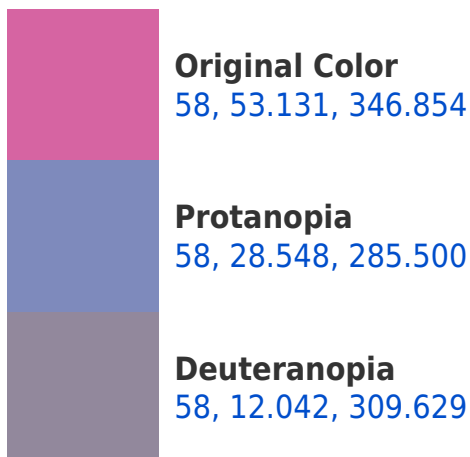


This preview shows how white text looks on a background with the CIELCh color 58, 53.131, 346.854.

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](#).

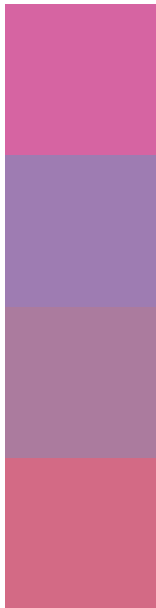
Dichromacy





Tritanopia
58, 42.765, 18.942

Trichromacy



Original Color
58, 53.131, 346.854

Protanomaly
57, 33.198, 314.766

Deuteranomaly
57, 26.928, 335.047

Tritanomaly
58, 44.321, 5.825

Monochromacy



Original Color
58, 53.131, 346.854

Achromatopsia
59, 0.008, 296.813

Achromatomaly
57, 20.603, 342.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 53.131, 346.854 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(214, 100, 162)` looks like.

```
.text, #text, p{  
    color:rgb(214, 100, 162)  
}
```

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(214, 100, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 100, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 53.131, 346.854 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(214, 100, 162) }
```

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

```
.border{ border-color:rgb(214, 100, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 100, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 100, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 100, 162);  
box-shadow:4px 4px 4px 4px rgb(214, 100,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 53.131, 346.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 100, 162) }
```

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

```
.background{ background-color: rgb(214,  
100, 162) }
```

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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