

Converting Colors

CIELCh(58, 47.189, 354.817)

Have a look what the booklet for
CIELCh(58, 47.189, 354.817)
contains.

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Color

CIELCh(58, 47.128, 354.906)

Conversions

Conversions Part 1

Format	Color
Hex	D36894
RGB	211, 104, 148
RGB Percent	83%, 41%, 58%
CMY	0.1717, 0.5914, 0.4189
CMYK	0.00, 0.51, 0.30, 0.17
HSL	335°, 55%, 62%
HSV	335°, 51%, 83%
XYZ	37.2513, 25.9610, 31.1406
YIQ	141.0090, 49.6480, 36.3680

Conversions

Conversions Part 2

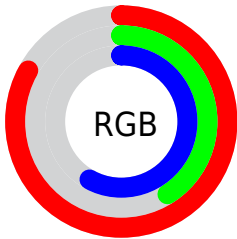
Format	Color
R _Y B	211, 104, 148
Decimal	13854868
CIE Lab	58.00, 46.94, -4.18
CIE LCh	58, 47.128, 354.906
Yxy	25.9610, 0.3948, 0.2751
Android (android.graphics.Color)	4292044948 (0xFFD36894)
YUV	141.0090, 3.4466, 61.3821
Hunter-Lab	50.9519, 41.3368, -0.5703

Details

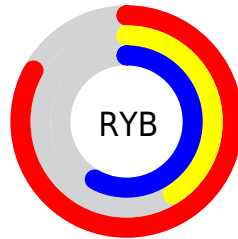
The CIELCh color **58, 47.128, 354.906** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78, 43.045, 163.205**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 42.357, 350.238**, and **38, 46.872, 355.070** is the 20% darker color. If you saturate the color by 10%, you get **54, 55.427, 356.914**, and if you desaturate by 10%, it is **63, 38.048, 353.266**.

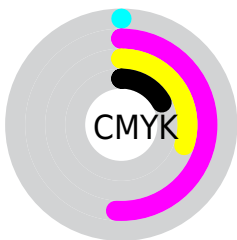
Distribution



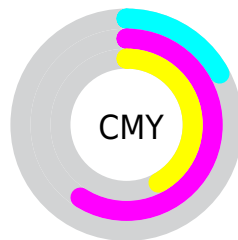
- Red (83%)
- Green (41%)
- Blue (58%)



- Red (83%)
- Yellow (41%)
- Blue (58%)



- Cyan (0%)
- Magenta (51%)
- Yellow (30%)
- Black (17%)



- Cyan (17%)
- Magenta (59%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 47.128, 354.906 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, 47.128, 354.906 by changing the saturation by 10% instead.


 58, 47.128,
354.906

 58, 47.128,
354.906


 100, 47.128,
354.906

 48, 47.128,
354.906

 78, 47.128,
354.906

 38, 47.128,
354.906

 88, 47.128,
354.906

 28, 47.128,
354.906

 98, 47.128,
354.906

 18, 47.128,
354.906

 8, 47.128, 354.906

 0, 47.128, 354.906

58, 47.128,
354.906

58, 47.128,
354.906

54, 55.427,
356.914

63, 38.048,
353.266

50, 62.482,
359.423

68, 28.604,
351.889

48, 67.869, 2.604

73, 19.096,
350.707

46, 71.411, 6.630

79, 9.723, 349.658


45, 73.500, 11.103

84, 0.605, 348.042

90, 8.199, 168.037

96, 16.665,
167.271

97, 15.362,
184.328

 97, 14.619,
198.532

Harmonies

Complementary

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



58, 47.128, 354.906



78, 43.045, 163.205

Rectangle

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



58, 47.128, 354.906



58, 47.128, 44.906



58, 47.128, 174.906



58, 47.128, 224.906

Sweetspot

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



58, 47.125, 354.907



90, 16.035, 350.117



55, 63.751, 314.210



47, 10.971, 350.341



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, 47.125, 354.907



64, 64.773, 357.138



59, 43.665, 30.728



41, 5.120, 349.531



36, 61.987, 10.200



5, 21.069, 359.464

Inverse Universe

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



58, 47.125, 354.907



64, 64.773, 357.138



76, 29.540, 206.799



41, 5.120, 349.531



36, 61.987, 10.200



5, 21.069, 359.464

Previews

White Background



This preview shows how the CIELCh color 58, 47.128, 354.906 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, 47.128, 354.906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

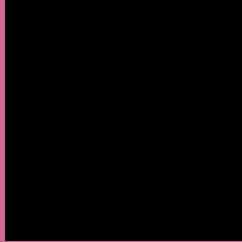
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 47.128, 354.906

Background



This preview shows how black text looks on a background with the CIELCh color 58, 47.128, 354.906.

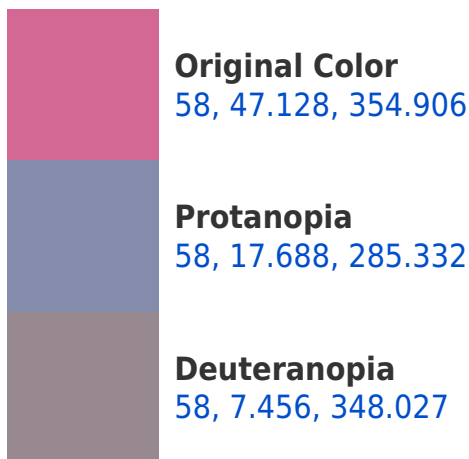


This preview shows how white text looks on a background with the CIELCh color 58, 47.128, 354.906.

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, 41.877, 18.667

Trichromacy



Original Color
58, 47.128, 354.906

Protanomaly
57, 24.383, 324.844

Deuteranomaly
58, 22.962, 351.040

Tritanomaly
58, 42.847, 9.442

Monochromacy



Original Color
58, 47.128, 354.906

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 17.862, 351.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 47.128, 354.906 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(211, 104, 148)` looks like.

```
.text, #text, p{  
    color:rgb(211, 104, 148)  
}
```

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(211, 104, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 104, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 47.128, 354.906 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(211, 104, 148) }
```

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

```
.border{ border-color:rgb(211, 104, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 104, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 104, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 104, 148);  
box-shadow:4px 4px 4px 4px rgb(211, 104,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 47.128, 354.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 104, 148) }
```

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

```
.background{ background-color: rgb(211,  
104, 148) }
```

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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