

Converting Colors

CIELCh(53, 57.327, 351.141)

Have a look what the booklet for
CIELCh(53, 57.327, 351.141)
contains.

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Color

CIELCh(53, 57.198, 351.470)

Conversions

Conversions Part 1

Format	Color
Hex	D0508F
RGB	208, 80, 143
RGB Percent	82%, 31%, 56%
CMY	0.1854, 0.6873, 0.4402
CMYK	0.00, 0.62, 0.31, 0.19
HSL	330°, 58%, 56%
HSV	330°, 62%, 81%
XYZ	33.7257, 21.0462, 28.1764
YIQ	125.4540, 56.0650, 46.7290

Conversions

Conversions Part 2

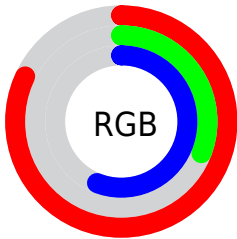
Format	Color
R_{YB}	208, 80, 143
Decimal	13652111
CIE Lab	53.00, 56.57, -8.48
CIE LCh	53, 57.198, 351.470
Yxy	21.0462, 0.4066, 0.2537
Android (android.graphics.Color)	4291842191 (0xFFD0508F)
YUV	125.4540, 8.6502, 72.3928
Hunter-Lab	45.8761, 50.9406, -4.3017

Details

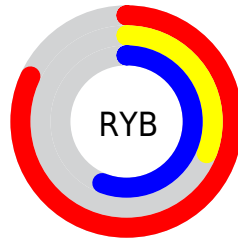
The CIELCh color **53, 57.198, 351.470** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **75, 54.014, 157.027**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 53.845, 347.655**, and **33, 57.233, 351.446** is the 20% darker color. If you saturate the color by 10%, you get **50, 63.877, 353.611**, and if you desaturate by 10%, it is **57, 49.072, 349.735**.

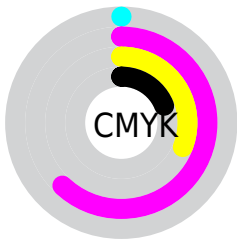
Distribution



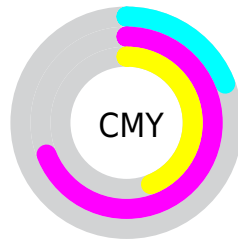
- Red (82%)
- Green (31%)
- Blue (56%)



- Red (82%)
- Yellow (31%)
- Blue (56%)



- Cyan (0%)
- Magenta (62%)
- Yellow (31%)
- Black (19%)





- Cyan (19%)
- Magenta (69%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 57.198, 351.470 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 53, 57.198, 351.470 by changing the saturation by 10% instead.


 53, 57.198,
351.470

 53, 57.198,
351.470


 100, 57.198,
351.470


 43, 57.198,
351.470


 73, 57.198,
351.470


 33, 57.198,
351.470

 83, 57.198,
351.470

 23, 57.198,
351.470

 93, 57.198,
351.470

 13, 57.198,
351.470

 3, 57.198, 351.470

 0, 57.198, 351.470

53, 57.198,
351.470

53, 57.198,
351.470

50, 63.877,
353.611

57, 49.072,
349.735

47, 68.678,
356.302

61, 40.007,
348.291

46, 71.400,
359.711

66, 30.437,
347.059

45, 72.491, 3.109

72, 20.694,
345.981

77, 11.005,
345.012

82, 1.510, 343.918

88, 7.711, 163.474

94, 16.622,
162.734

■ 96, 18.630,
169.775

Harmonies

Complementary

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



53, 57.198, 351.470



75, 54.014, 157.027

Rectangle

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



53, 57.198, 351.470



53, 57.198, 41.470



53, 57.198, 171.470



53, 57.198, 221.470

Sweetspot

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



53, 57.195, 351.471



88, 20.297, 345.642



47, 75.809, 312.151



45, 14.142, 345.935



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53, 57.195, 351.471



60, 76.649, 354.422



51, 57.279, 27.921



41, 5.393, 344.808



36, 62.044, 2.396



5, 21.736, 354.437

Inverse Universe

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



53, 57.195, 351.471



60, 76.649, 354.422



77, 36.082, 196.849



41, 5.393, 344.808



36, 62.044, 2.396



5, 21.736, 354.437

Previews

White Background



This preview shows how the CIELCh color 53, 57.198, 351.470 looks on a white background.

Color Contrast Check

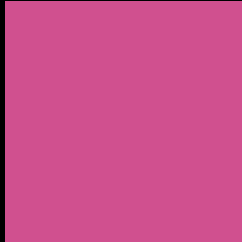
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 57.198, 351.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

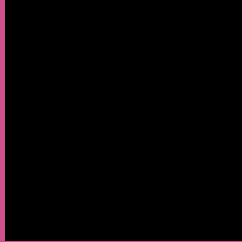
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 57.198, 351.470

Background



This preview shows how black text looks on a background with the CIELCh color 53, 57.198, 351.470.

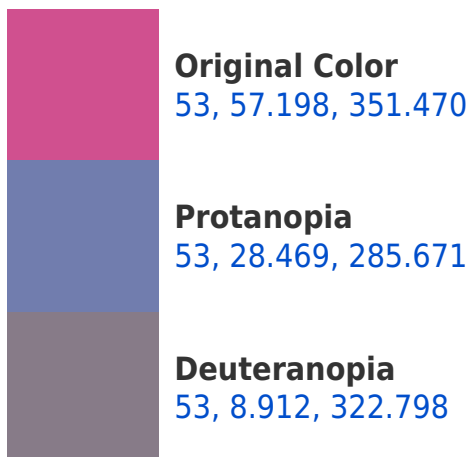


This preview shows how white text looks on a background with the CIELCh color 53, 57.198, 351.470.

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](#).

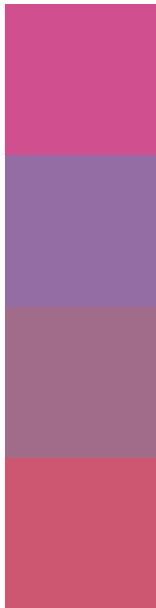
Dichromacy





Tritanopia
53, 49.614, 22.683

Trichromacy



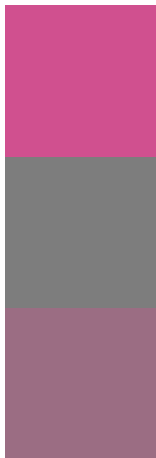
Original Color
53, 57.198, 351.470

Protanomaly
52, 34.283, 317.243

Deuteranomaly
52, 27.596, 342.705

Tritanomaly
53, 50.361, 10.085

Monochromacy



Original Color
53, 57.198, 351.470

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 22.308, 347.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 57.198, 351.470 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(208, 80, 143)` looks like.

```
.text, #text, p{  
    color:rgb(208, 80, 143)  
}
```

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(208, 80, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 80, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 57.198, 351.470 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(208, 80, 143) }
```

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

```
.border{ border-color:rgb(208, 80, 143) }
```

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

Here you see how a box with a 4 pixel rgb(208, 80, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 80, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 80, 143);  
box-shadow:4px 4px 4px 4px rgb(208, 80,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 57.198, 351.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 80, 143) }
```

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

```
.background{ background-color: rgb(208, 80,  
143) }
```

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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