

Converting Colors

CIELCh(54, 51.257, 1.907)

Have a look what the booklet for
CIELCh(54, 51.257, 1.907) contains.

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Color

CIELCh(54, 51.257, 1.907)

Conversions

Conversions Part 1

Format	Color
Hex	D05880
RGB	208, 88, 128
RGB Percent	82%, 35%, 50%
CMY	0.1840, 0.6546, 0.4978
CMYK	0.00, 0.58, 0.38, 0.18
HSL	340°, 56%, 58%
HSV	340°, 58%, 82%
XYZ	33.4332, 21.9746, 22.9264
YIQ	128.4400, 58.6800, 37.8800

Conversions

Conversions Part 2

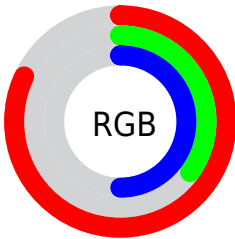
Format	Color
R_{YB}	208, 88, 128
Decimal	13654144
CIE _{Lab}	54.00, 51.23, 1.71
CIE _{LCh}	54, 51.257, 1.907
Yxy	21.9746, 0.4268, 0.2805
Android (android.graphics.Color)	4291844224 (0xFFD05880)
YUV	128.4400, -0.2169, 69.7741
Hunter-Lab	46.8770, 45.2734, 3.8167

Details

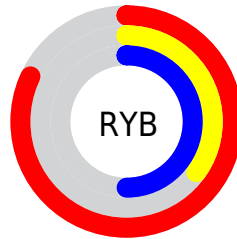
The CIELCh color **54, 51.257, 1.907** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **76, 44.287, 167.145**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 47.021, 358.427**, and **34, 51.371, 2.093** is the 20% darker color. If you saturate the color by 10%, you get **50, 58.895, 4.567**, and if you desaturate by 10%, it is **58, 42.707, 359.791**.

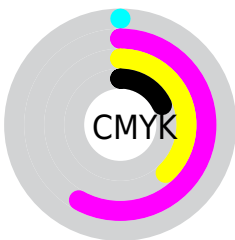
Distribution



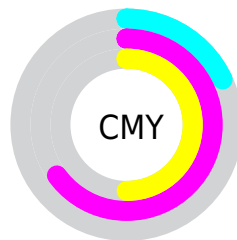
- Red (82%)
- Green (35%)
- Blue (50%)



- Red (82%)
- Yellow (35%)
- Blue (50%)



- Cyan (0%)
- Magenta (58%)
- Yellow (38%)
- Black (18%)



- Cyan (18%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 51.257, 1.907 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 54, 51.257, 1.907 by changing the saturation by 10% instead.

■ 54, 51.257, 1.907

■ 54, 51.257, 1.907

■ 100, 51.257, 1.907

■ 44, 51.257, 1.907

■ 74, 51.257, 1.907

■ 34, 51.257, 1.907

■ 84, 51.257, 1.907

■ 24, 51.257, 1.907

■ 94, 51.257, 1.907

■ 14, 51.257, 1.907

■ 4, 51.257, 1.907

■ 0, 51.257, 1.907

■ 54, 51.257, 1.907

■ 54, 51.257, 1.907

■ 50, 58.895, 4.567

■ 58, 42.707,
359.791

■ 47, 65.225, 7.938

45, 70.022, 12.186

63, 33.673,
358.071

44, 73.499, 17.328

68, 24.494,
356.642

44, 74.302, 18.548

74, 15.410,
355.423

79, 6.569, 354.339

85, 1.948, 173.743

91, 10.110,
172.731

96, 17.911,
171.980

97, 15.723,
194.592

Harmonies

Complementary

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



54, 51.257, 1.907



76, 44.287, 167.145

Rectangle

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



54, 51.257, 1.907



54, 51.257, 51.907



54, 51.257, 181.907



54, 51.257, 231.907

Sweetspot

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



54, 51.254, 1.909



89, 17.472, 355.370



52, 71.829, 317.018



46, 11.726, 355.602



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 51.254, 1.909



61, 70.375, 5.223



57, 47.533, 37.727



41, 4.895, 354.524



35, 63.206, 17.624



4, 20.632, 3.841

Inverse Universe

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



54, 51.254, 1.909



61, 70.375, 5.223



71, 30.074, 218.927



41, 4.895, 354.524



35, 63.206, 17.624



4, 20.632, 3.841

Previews

White Background



This preview shows how the CIELCh color 54, 51.257, 1.907 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 54, 51.257, 1.907 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 54, 51.257, 1.907

Background



This preview shows how black text looks on a background with the CIELCh color 54, 51.257, 1.907.



This preview shows how white text looks on a background with the CIELCh color 54, 51.257, 1.907.

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



Original Color

54, 51.257, 1.907

Protanopia

54, 13.299, 285.477

Deuteranopia

54, 8.427, 31.956



Tritanopia
54, 48.506, 22.249

Trichromacy



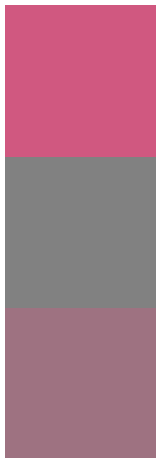
Original Color
54, 51.257, 1.907

Protanomaly
53, 23.071, 335.818

Deuteranomaly
53, 24.026, 5.940

Tritanomaly
54, 48.764, 14.845

Monochromacy



Original Color
54, 51.257, 1.907

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 19.758, 356.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 51.257, 1.907 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, 88, 128)` looks like.

```
.text, #text, p{  
    color:rgb(208, 88, 128)  
}
```

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, 88, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 88, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 51.257, 1.907 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, 88, 128) }
```

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

```
.border{ border-color:rgb(208, 88, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 88, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 88, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 88, 128);  
box-shadow:4px 4px 4px 4px rgb(208, 88,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 51.257, 1.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 88, 128) }
```

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

```
.background{ background-color: rgb(208, 88,  
128) }
```

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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