

Converting Colors

CIELCh(54, 49.214, 1.409)

Have a look what the booklet for
CIELCh(54, 49.214, 1.409) contains.

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Color

CIELCh(54, 48.959, 1.415)

Conversions

Conversions Part 1

Format	Color
Hex	CD5B81
RGB	205, 91, 129
RGB Percent	80%, 36%, 51%
CMY	0.1970, 0.6439, 0.4949
CMYK	0.00, 0.56, 0.37, 0.20
HSL	340°, 53%, 58%
HSV	340°, 56%, 80%
XYZ	32.7882, 21.9746, 23.2147
YIQ	129.4180, 55.7460, 35.9860

Conversions

Conversions Part 2

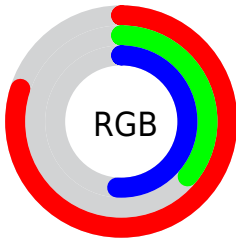
Format	Color
R_{YB}	205, 91, 129
Decimal	13458305
CIE _{Lab}	54.00, 48.94, 1.21
CIE _{LCh}	54, 48.959, 1.415
Yxy	21.9746, 0.4205, 0.2818
Android (android.graphics.Color)	4291648385 (0xFFCD5B81)
YUV	129.4180, -0.2061, 66.2854
Hunter-Lab	46.8770, 42.8173, 3.4520

Details

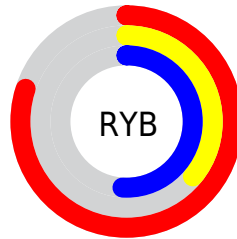
The CIELCh color **54, 48.959, 1.415** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **75, 42.480, 167.438**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 45.634, 358.837**, and **34, 48.934, 1.405** is the 20% darker color. If you saturate the color by 10%, you get **50, 56.718, 3.946**, and if you desaturate by 10%, it is **58, 40.388, 359.394**.

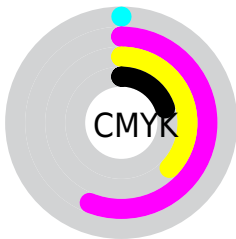
Distribution



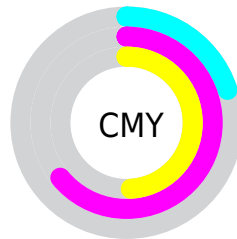
- Red (80%)
- Green (36%)
- Blue (51%)



- Red (80%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (56%)
- Yellow (37%)
- Black (20%)



- Cyan (20%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 48.959, 1.415 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, 48.959, 1.415 by changing the saturation by 10% instead.

 54, 48.959, 1.415

 54, 48.959, 1.415

 100, 48.959, 1.415

 44, 48.959, 1.415

 74, 48.959, 1.415

 34, 48.959, 1.415

 84, 48.959, 1.415

 24, 48.959, 1.415

 94, 48.959, 1.415

 14, 48.959, 1.415


 4, 48.959, 1.415

 0, 48.959, 1.415

 54, 48.959, 1.415

 54, 48.959, 1.415

 50, 56.718, 3.946

 58, 40.388,
359.394

 47, 63.262, 7.149

45, 68.314, 11.198

63, 31.417,
357.744

44, 71.941, 16.181

68, 22.360,
356.365

43, 73.389, 18.466

74, 13.432,
355.182

79, 4.765, 354.105

85, 3.574, 173.446

90, 11.559,
172.560

96, 19.190,
171.828

97, 16.868,
192.515

Harmonies

Complementary

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



54, 48.959, 1.415



75, 42.480, 167.438

Rectangle

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



54, 48.959, 1.415



54, 48.959, 51.415



54, 48.959, 181.415



54, 48.959, 231.415

Sweetspot

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



54, 48.956, 1.417



89, 17.473, 355.356



52, 68.498, 316.444



46, 11.727, 355.589



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, 48.956, 1.417



61, 68.751, 4.586



56, 45.424, 36.246



40, 4.797, 354.508



35, 62.475, 17.532



4, 18.704, 3.188

Inverse Universe

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



54, 48.956, 1.417



61, 68.751, 4.586



71, 29.261, 216.206



40, 4.797, 354.508



35, 62.475, 17.532



4, 18.704, 3.188

Previews

White Background



This preview shows how the CIELCh color 54, 48.959, 1.415 looks on a white background.

Color Contrast Check

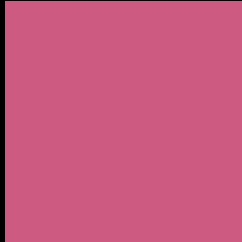
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.959, 1.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

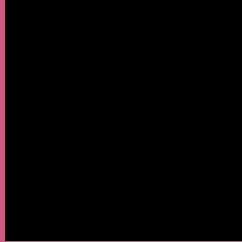
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 48.959, 1.415

Background



This preview shows how black text looks on a background with the CIELCh color 54, 48.959, 1.415.

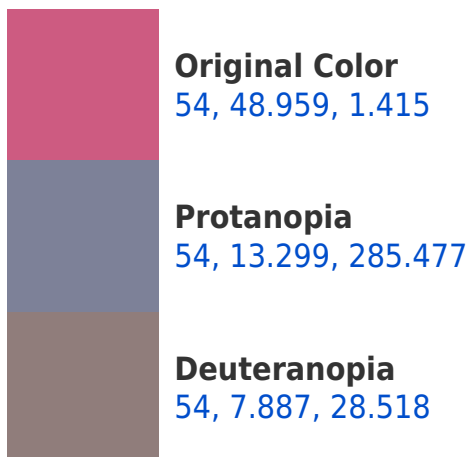


This preview shows how white text looks on a background with the CIELCh color 54, 48.959, 1.415.

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
54, 46.159, 20.972

Trichromacy



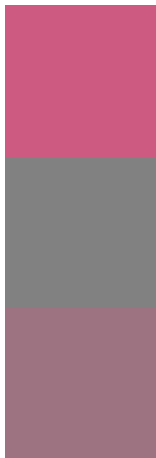
Original Color
54, 48.959, 1.415

Protanomaly
53, 22.529, 334.250

Deuteranomaly
53, 22.793, 4.822

Tritanomaly
54, 46.680, 13.878

Monochromacy



Original Color
54, 48.959, 1.415

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 18.791, 356.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 48.959, 1.415 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(205, 91, 129)` looks like.

```
.text, #text, p{  
    color:rgb(205, 91, 129)  
}
```

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(205, 91, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 91, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 48.959, 1.415 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(205, 91, 129) }
```

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

```
.border{ border-color:rgb(205, 91, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 91, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 91, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 91, 129);  
box-shadow:4px 4px 4px 4px rgb(205, 91,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 48.959, 1.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 91, 129) }
```

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

```
.background{ background-color: rgb(205, 91,  
129) }
```

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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