

Converting Colors

CIELCh(54, 45.777, 13.455)

Have a look what the booklet for
CIELCh(54, 45.777, 13.455) contains.

CIELCh(54, 45.836, 13.466)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 45.836, 13.466)

Conversions

Conversions Part 1

Format	Color
Hex	CB5F71
RGB	203, 95, 113
RGB Percent	80%, 37%, 44%
CMY	0.2051, 0.6285, 0.5579
CMYK	0.00, 0.53, 0.44, 0.21
HSL	350°, 51%, 58%
HSV	350°, 53%, 79%
XYZ	31.5781, 21.9746, 18.1233
YIQ	129.3440, 58.5900, 28.4940

Conversions

Conversions Part 2

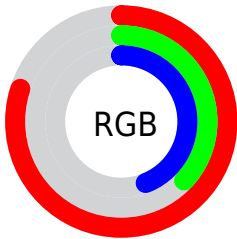
Format	Color
R_{YB}	203, 95, 113
Decimal	13328241
CIE _{Lab}	54.00, 44.58, 10.67
CIE _{LCh}	54, 45.836, 13.466
Yxy	21.9746, 0.4406, 0.3066
Android (android.graphics.Color)	4291518321 (0xFFFCB5F71)
YUV	129.3440, -8.0576, 64.5963
Hunter-Lab	46.8770, 38.2094, 9.8916

Details

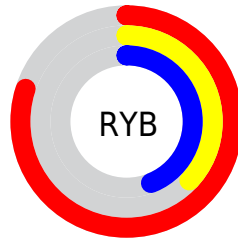
The CIELCh color **54, 45.836, 13.466** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **75, 35.426, 180.753**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 42.912, 11.770**, and **34, 45.974, 13.751** is the 20% darker color. If you saturate the color by 10%, you get **50, 54.607, 16.205**, and if you desaturate by 10%, it is **59, 36.775, 11.307**.

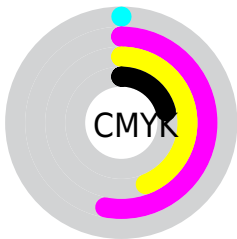
Distribution



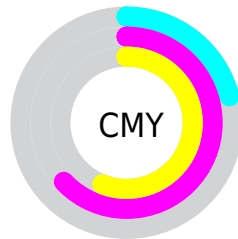
- Red (80%)
- Green (37%)
- Blue (44%)



- Red (80%)
- Yellow (37%)
- Blue (44%)



- Cyan (0%)
- Magenta (53%)
- Yellow (44%)
- Black (21%)



- Cyan (21%)
- Magenta (63%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 45.836, 13.466 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, 45.836, 13.466 by changing the saturation by 10% instead.

 54, 45.836, 13.466

 54, 45.836, 13.466

 100, 45.836,
13.466

 44, 45.836, 13.466

 74, 45.836, 13.466

 34, 45.836, 13.466

 84, 45.836, 13.466

 24, 45.836, 13.466

 94, 45.836, 13.466

 14, 45.836, 13.466

 4, 45.836, 13.466

 0, 45.836, 13.466

 54, 45.836, 13.466

 54, 45.836, 13.466

 50, 54.607, 16.205

 59, 36.775, 11.307

 47, 62.761, 19.661

 63, 27.736, 9.583

44, 70.035, 23.919

69, 18.936, 8.182

43, 76.330, 28.863

74, 10.508, 7.012

42, 80.186, 32.187

80, 2.514, 5.891

85, 5.028, 185.382

91, 12.133,
184.610

96, 17.976,
186.483

97, 17.276,
198.360

Harmonies

Complementary

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



54, 45.836, 13.466



75, 35.426, 180.753

Rectangle

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



54, 45.836, 13.466



54, 45.836, 63.466



54, 45.836, 193.466



54, 45.836, 243.466

Sweetspot

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



54, 45.833, 13.469



89, 15.398, 7.339



55, 66.373, 321.540



46, 10.455, 7.578



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, 45.833, 13.469



62, 66.527, 16.705



61, 39.233, 50.579



40, 4.468, 6.600



34, 68.505, 31.372



4, 18.129, 11.245

Inverse Universe

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



54, 45.833, 13.469



62, 66.527, 16.705



66, 27.922, 241.301



40, 4.468, 6.600



34, 68.505, 31.372



4, 18.129, 11.245

Previews

White Background



This preview shows how the CIELCh color 54, 45.836, 13.466 looks on a white background.

Color Contrast Check

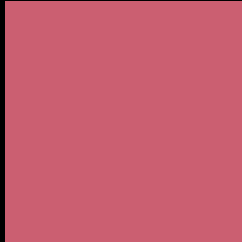
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 54, 45.836, 13.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

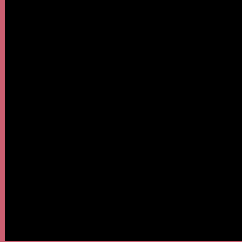
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 45.836, 13.466

Background



This preview shows how black text looks on a background with the CIELCh color 54, 45.836, 13.466.

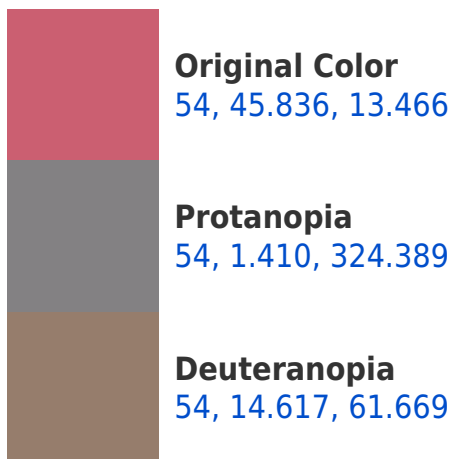


This preview shows how white text looks on a background with the CIELCh color 54, 45.836, 13.466.

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, 45.741, 20.868

Trichromacy



Original Color
54, 45.836, 13.466

Protanomaly
53, 16.945, 7.783

Deuteranomaly
54, 23.918, 27.545

Tritanomaly
54, 45.357, 18.057

Monochromacy



Original Color
54, 45.836, 13.466

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 16.456, 9.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 45.836, 13.466 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(203, 95, 113)` looks like.

```
.text, #text, p{  
    color:rgb(203, 95, 113)  
}
```

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(203, 95, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 95, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 45.836, 13.466 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(203, 95, 113) }
```

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

```
.border{ border-color:rgb(203, 95, 113) }
```

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

Here you see how a box with a 4 pixel rgb(203, 95, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 95, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 95, 113);  
box-shadow:4px 4px 4px 4px rgb(203, 95,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 45.836, 13.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 95, 113) }
```

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

```
.background{ background-color: rgb(203, 95,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor