

Converting Colors

CIELCh(54, 52.175, 5.454)

Have a look what the booklet for
CIELCh(54, 52.175, 5.454) contains.

CIELCh(54, 52.015, 5.196)	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, 52.015, 5.196)

Conversions

Conversions Part 1

Format	Color
Hex	D2577B
RGB	210, 87, 123
RGB Percent	82%, 34%, 48%
CMY	0.1761, 0.6585, 0.5174
CMYK	0.00, 0.59, 0.41, 0.18
HSL	342°, 58%, 58%
HSV	342°, 59%, 82%
XYZ	33.5962, 21.9746, 21.2329
YIQ	127.8810, 61.7520, 37.2720

Conversions

Conversions Part 2

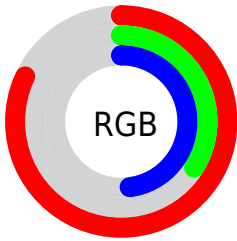
Format	Color
R_{YB}	210, 87, 123
Decimal	13784955
CIE Lab	54.00, 51.80, 4.71
CIE LCh	54, 52.015, 5.196
Yxy	21.9746, 0.4374, 0.2861
Android (android.graphics.Color)	4291975035 (0xFFD2577B)
YUV	127.8810, -2.4063, 72.0184
Hunter-Lab	46.8770, 45.8940, 5.9586

Details

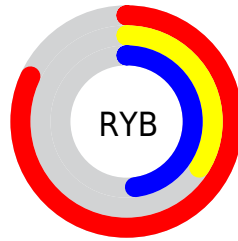
The CIELCh color **54, 52.015, 5.196** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **77, 43.540, 169.884**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 46.282, 2.241**, and **34, 52.034, 4.764** is the 20% darker color. If you saturate the color by 10%, you get **50, 59.815, 8.060**, and if you desaturate by 10%, it is **58, 43.363, 2.929**.

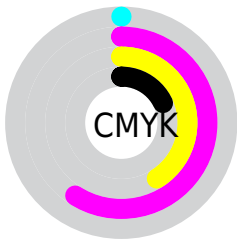
Distribution



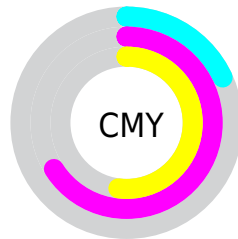
- Red (82%)
- Green (34%)
- Blue (48%)



- Red (82%)
- Yellow (34%)
- Blue (48%)



- Cyan (0%)
- Magenta (59%)
- Yellow (41%)
- Black (18%)



- Cyan (18%)
- Magenta (66%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 52.015, 5.196 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, 52.015, 5.196 by changing the saturation by 10% instead.

 54, 52.015, 5.196  54, 52.015, 5.196

 100, 52.015, 5.196  44, 52.015, 5.196

 74, 52.015, 5.196  34, 52.015, 5.196

 84, 52.015, 5.196  24, 52.015, 5.196

 94, 52.015, 5.196  14, 52.015, 5.196

 4, 52.015, 5.196

 0, 52.015, 5.196

 54, 52.015, 5.196  54, 52.015, 5.196

 50, 59.815, 8.060  58, 43.363, 2.929

 47, 66.396, 11.687  63, 34.275, 1.102

46, 71.583, 16.216

68, 25.082,
359.598

44, 75.666, 21.551

74, 16.021,
358.329

44, 76.273, 22.319

79, 7.237, 357.217

85, 1.196, 176.767

91, 9.249, 175.580

97, 16.843,
174.991

97, 14.973,
198.509

Harmonies

Complementary

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



54, 52.015, 5.196



77, 43.540, 169.884

Rectangle

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



54, 52.015, 5.196



54, 52.015, 55.196



54, 52.015, 185.196



54, 52.015, 235.196

Sweetspot

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



54, 52.012, 5.198



88, 18.183, 358.289



52, 73.573, 318.068



45, 12.704, 358.640



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, 52.012, 5.198



60, 71.062, 8.797



58, 47.828, 40.393



41, 4.794, 357.309



35, 64.315, 21.343



4, 20.468, 5.925

Inverse Universe

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



54, 52.012, 5.198



60, 71.062, 8.797



71, 30.247, 224.209



41, 4.794, 357.309



35, 64.315, 21.343



4, 20.468, 5.925

Previews

White Background



This preview shows how the CIELCh color 54, 52.015, 5.196 looks on a white background.

Color Contrast Check

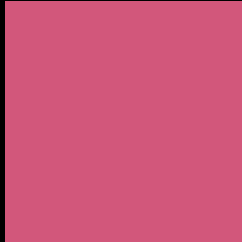
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.015, 5.196 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, 52.015, 5.196

Background



This preview shows how black text looks on a background with the CIELCh color 54, 52.015, 5.196.



This preview shows how white text looks on a background with the CIELCh color 54, 52.015, 5.196.

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, 52.015, 5.196

Protanopia

54, 10.384, 287.323

Deuteranopia

54, 10.326, 46.484



Tritanopia
54, 50.312, 22.738

Trichromacy



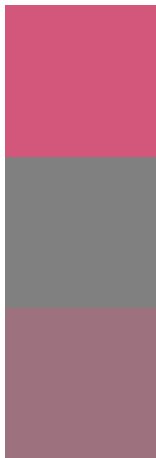
Original Color
54, 52.015, 5.196

Protanomaly
53, 21.838, 342.927

Deuteranomaly
53, 25.071, 12.125

Tritanomaly
54, 50.516, 16.257

Monochromacy



Original Color
54, 52.015, 5.196

Achromatopsia
54, 0.007, 296.813

Achromatomaly
52, 19.795, 359.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 52.015, 5.196 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(210, 87, 123)` looks like.

```
.text, #text, p{  
    color:rgb(210, 87, 123)  
}
```

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(210, 87, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 87, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 52.015, 5.196 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(210, 87, 123) }
```

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

```
.border{ border-color:rgb(210, 87, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 87, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 87, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 87, 123);  
box-shadow:4px 4px 4px 4px rgb(210, 87,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 52.015, 5.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 87, 123) }
```

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

```
.background{ background-color: rgb(210, 87,  
123) }
```

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