

Converting Colors

CIELCh(53, 58.237, 357.678)

Have a look what the booklet for
CIELCh(53, 58.237, 357.678)
contains.

CIELCh(53, 58.235, 357.610)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 58.235, 357.610)

Conversions

Conversions Part 1

Format	Color
Hex	D54D85
RGB	213, 77, 133
RGB Percent	84%, 30%, 52%
CMY	0.1660, 0.6992, 0.4795
CMYK	0.00, 0.64, 0.38, 0.17
HSL	335°, 62%, 57%
HSV	335°, 64%, 83%
XYZ	34.1906, 21.0462, 24.3479
YIQ	124.0480, 63.0800, 46.2480

Conversions

Conversions Part 2

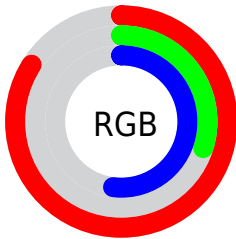
Format	Color
R_{YB}	213, 77, 133
Decimal	13979013
CIE _{Lab}	53.00, 58.18, -2.43
CIE _{LCh}	53, 58.235, 357.610
Yxy	21.0462, 0.4296, 0.2645
Android (android.graphics.Color)	4292169093 (0xFFD54D85)
YUV	124.0480, 4.4133, 78.0109
Hunter-Lab	45.8761, 52.7495, 0.6462

Details

The CIELCh color **53, 58.235, 357.610** 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, 52.664, 161.102**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 52.496, 352.945**, and **33, 58.318, 357.420** is the 20% darker color. If you saturate the color by 10%, you get **50, 64.809, 0.318**, and if you desaturate by 10%, it is **57, 50.244, 355.459**.

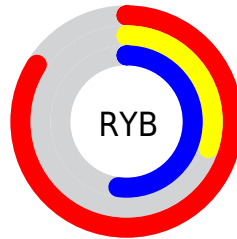
Distribution



Red (84%)

Green (30%)

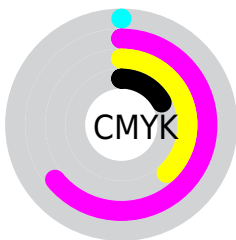
Blue (52%)



Red (84%)

Yellow (30%)

Blue (52%)

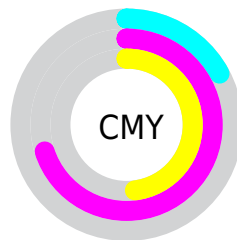


Cyan (0%)

Magenta (64%)

Yellow (38%)

Black (17%)



Cyan (17%)


Magenta (70%)


Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 58.235, 357.610 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, 58.235, 357.610 by changing the saturation by 10% instead.


 53, 58.235,
357.610


 53, 58.235,
357.610


 100, 58.235,
357.610

 43, 58.235,
357.610


 73, 58.235,
357.610

 33, 58.235,
357.610

 83, 58.235,
357.610

 23, 58.235,
357.610

 93, 58.235,
357.610

 13, 58.235,
357.610

 3, 58.235, 357.610

 0, 58.235, 357.610

53, 58.235,
357.610

53, 58.235,
357.610

50, 64.809, 0.318

57, 50.244,
355.459

47, 69.608, 3.756

61, 41.322,
353.711

46, 72.580, 8.083

45, 73.874, 11.038

66, 31.905,
352.258

72, 22.334,
351.019

77, 12.843,
349.935

83, 3.575, 348.898

89, 5.391, 168.268

94, 14.022,
167.454

■ 97, 15.343,
179.471

Harmonies

Complementary

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



53, 58.235, 357.610



77, 52.664, 161.102

Rectangle

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



53, 58.235, 357.610



53, 58.235, 47.610



53, 58.235, 177.610



53, 58.235, 227.610

Sweetspot

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



53, 58.232, 357.611



88, 20.430, 350.489



48, 80.073, 314.665



45, 14.109, 350.809



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, 58.232, 357.611



58, 76.702, 1.549



54, 57.730, 33.069



42, 5.226, 349.478



36, 62.677, 10.177



5, 22.806, 359.938

Inverse Universe

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



53, 58.232, 357.611



58, 76.702, 1.549



75, 34.451, 207.371



42, 5.226, 349.478



36, 62.677, 10.177



5, 22.806, 359.938

Previews

White Background



This preview shows how the CIELCh color 53, 58.235, 357.610 looks on a white background.

Color Contrast Check

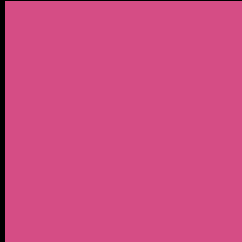
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.235, 357.610 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, 58.235, 357.610

Background



This preview shows how black text looks on a background with the CIELCh color 53, 58.235, 357.610.

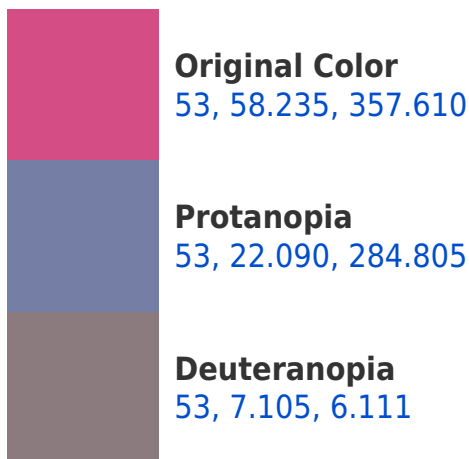


This preview shows how white text looks on a background with the CIELCh color 53, 58.235, 357.610.

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, 54.215, 24.424

Trichromacy



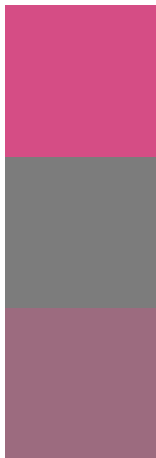
Original Color
53, 58.235, 357.610

Protanomaly
51, 30.827, 325.362

Deuteranomaly
52, 27.213, 355.463

Tritanomaly
53, 54.011, 14.484

Monochromacy



Original Color
53, 58.235, 357.610

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 22.857, 352.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 58.235, 357.610 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(213, 77, 133)` looks like.

```
.text, #text, p{  
    color:rgb(213, 77, 133)  
}
```

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(213, 77, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 77, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 58.235, 357.610 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(213, 77, 133) }
```

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

```
.border{ border-color:rgb(213, 77, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 77, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 77, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 77, 133);  
box-shadow:4px 4px 4px 4px rgb(213, 77,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 58.235, 357.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 77, 133) }
```

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

```
.background{ background-color: rgb(213, 77,  
133) }
```

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