

Converting Colors

CIELCh(53, 49.952, 354.527)

Have a look what the booklet for
CIELCh(53, 49.952, 354.527)
contains.

CIELCh(53, 49.786, 354.675)	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, 49.786, 354.675)

Conversions

Conversions Part 1

Format	Color
Hex	C85888
RGB	200, 88, 136
RGB Percent	78%, 35%, 53%
CMY	0.2156, 0.6548, 0.4666
CMYK	0.00, 0.56, 0.32, 0.22
HSL	334°, 50%, 56%
HSV	334°, 56%, 78%
XYZ	31.7658, 21.0462, 25.6908
YIQ	126.9600, 51.3440, 38.6720

Conversions

Conversions Part 2

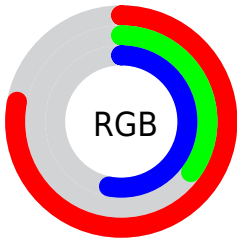
Format	Color
R_{YB}	200, 88, 136
Decimal	13129864
CIE _{Lab}	53.00, 49.57, -4.62
CIE _{LCh}	53, 49.786, 354.675
Yxy	21.0462, 0.4046, 0.2681
Android (android.graphics.Color)	4291319944 (0xFFC85888)
YUV	126.9600, 4.4567, 64.0561
Hunter-Lab	45.8761, 43.3149, -1.0893

Details

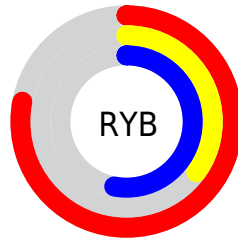
The CIELCh color **53, 49.786, 354.675** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **73, 45.628, 161.430**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 48.354, 353.585**, and **33, 49.945, 355.011** is the 20% darker color. If you saturate the color by 10%, you get **49, 57.150, 356.839**, and if you desaturate by 10%, it is **57, 41.415, 352.921**.

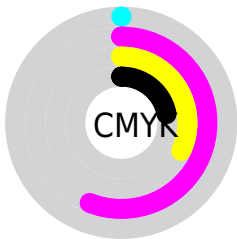
Distribution



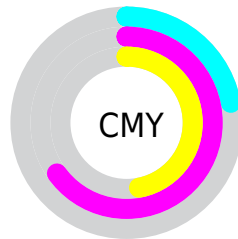
- Red (78%)
- Green (35%)
- Blue (53%)



- Red (78%)
- Yellow (35%)
- Blue (53%)



- Cyan (0%)
- Magenta (56%)
- Yellow (32%)
- Black (22%)





- Cyan (22%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 49.786, 354.675 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, 49.786, 354.675 by changing the saturation by 10% instead.


 53, 49.786,
354.675

 53, 49.786,
354.675


 100, 49.786,
354.675

 43, 49.786,
354.675


 73, 49.786,
354.675

 33, 49.786,
354.675

 83, 49.786,
354.675

 23, 49.786,
354.675

 93, 49.786,
354.675

 13, 49.786,
354.675

 3, 49.786, 354.675

 0, 49.786, 354.675

53, 49.786,
354.675

53, 49.786,
354.675

49, 57.150,
356.839

57, 41.415,
352.921

46, 63.065,
359.558

62, 32.480,
351.462

44, 67.210, 3.008

67, 23.326,
350.219

43, 69.608, 7.334

72, 14.196,
349.132


43, 70.399, 9.198

77, 5.244, 348.131

83, 3.442, 167.490

88, 11.819,
166.633

94, 19.876,
165.919

 96, 20.542,
174.403

Harmonies

Complementary

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



53, 49.786, 354.675



73, 45.628, 161.430

Rectangle

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



53, 49.786, 354.675



53, 49.786, 44.675



53, 49.786, 174.675



53, 49.786, 224.675

Sweetspot

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



53, 49.783, 354.676



89, 18.410, 349.261



49, 67.202, 313.903



46, 12.344, 349.476



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, 49.783, 354.676



62, 70.169, 357.325



53, 47.520, 30.449



39, 4.966, 348.470



34, 60.490, 8.384



4, 17.246, 357.249

Inverse Universe

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



53, 49.783, 354.676



62, 70.169, 357.325



72, 30.759, 204.834



39, 4.966, 348.470



34, 60.490, 8.384



4, 17.246, 357.249

Previews

White Background



This preview shows how the CIELCh color 53, 49.786, 354.675 looks on a white background.

Color Contrast Check

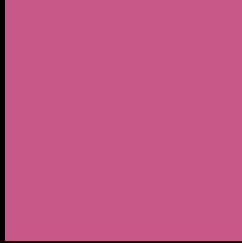
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 49.786, 354.675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

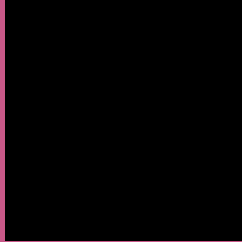
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 49.786, 354.675

Background



This preview shows how black text looks on a background with the CIELCh color 53, 49.786, 354.675.

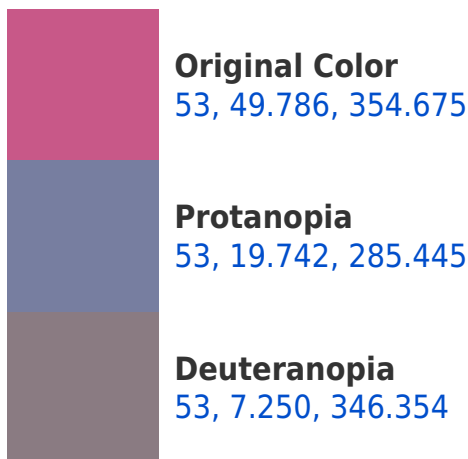


This preview shows how white text looks on a background with the CIELCh color 53, 49.786, 354.675.

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](#).

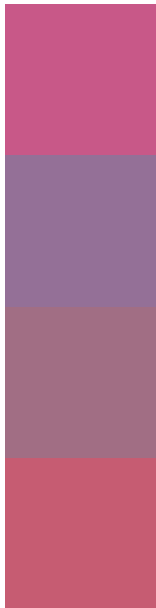
Dichromacy





Tritanopia
53, 44.124, 20.495

Trichromacy



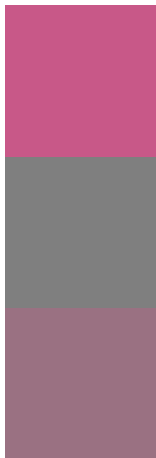
Original Color
53, 49.786, 354.675

Protanomaly
52, 26.404, 323.605

Deuteranomaly
52, 23.947, 350.664

Tritanomaly
53, 45.147, 10.400

Monochromacy



Original Color
53, 49.786, 354.675

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 19.164, 351.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 49.786, 354.675 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(200, 88, 136)` looks like.

```
.text, #text, p{  
    color:rgb(200, 88, 136)  
}
```

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(200, 88, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 88, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 49.786, 354.675 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(200, 88, 136) }
```

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

```
.border{ border-color:rgb(200, 88, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 88, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 88, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 88, 136);  
box-shadow:4px 4px 4px 4px rgb(200, 88,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 49.786, 354.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 88, 136) }
```

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

```
.background{ background-color: rgb(200, 88,  
136) }
```

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