

Converting Colors

CIELCh(54, 59.894, 337.184)

Have a look what the booklet for
CIELCh(54, 59.894, 337.184)
contains.

CIELCh(54, 59.958, 337.116)	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(54, 59.958, 337.116)

Conversions

Conversions Part 1

Format	Color
Hex	C856AA
RGB	200, 86, 170
RGB Percent	78%, 34%, 67%
CMY	0.2140, 0.6612, 0.3318
CMYK	0.00, 0.57, 0.15, 0.21
HSL	316°, 51%, 56%
HSV	316°, 57%, 79%
XYZ	34.5858, 21.9746, 40.6449
YIQ	129.6620, 40.9800, 50.2920

Conversions

Conversions Part 2

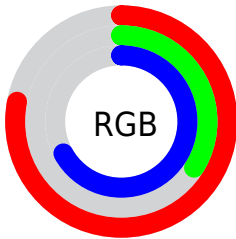
Format	Color
R _{YB}	200, 86, 170
Decimal	13129386
CIE _{Lab}	54.00, 55.24, -23.32
CIE _{LCh}	54, 59.958, 337.116
Y _{xy}	21.9746, 0.3558, 0.2261
Android (android.graphics.Color)	4291319466 (0xFFC856AA)
YUV	129.6620, 19.8866, 61.6864
Hunter-Lab	46.8770, 49.6624, -18.5937

Details

The CIELCh color **54, 59.958, 337.116** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **73, 60.118, 147.305**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 58.836, 336.109**, and **34, 60.133, 336.901** is the 20% darker color. If you saturate the color by 10%, you get **51, 67.846, 338.071**, and if you desaturate by 10%, it is **58, 50.613, 336.247**.

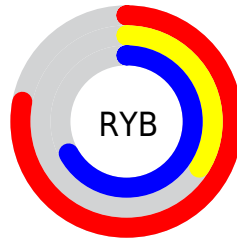
Distribution



Red (78%)

Green (34%)

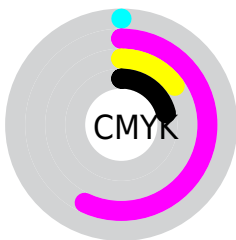
Blue (67%)



Red (78%)

Yellow (34%)

Blue (67%)

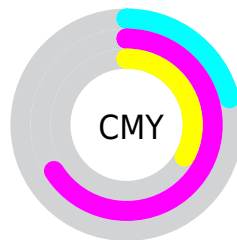


Cyan (0%)

Magenta (57%)

Yellow (15%)

Black (21%)



Cyan (21%)


Magenta (66%)


Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 59.958, 337.116 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, 59.958, 337.116 by changing the saturation by 10% instead.


 54, 59.958,
337.116


 54, 59.958,
337.116


 100, 59.958,
337.116


 44, 59.958,
337.116


 74, 59.958,
337.116

 34, 59.958,
337.116

 84, 59.958,
337.116

 24, 59.958,
337.116

 94, 59.958,
337.116

 14, 59.958,
337.116

 4, 59.958, 337.116

 0, 59.958, 337.116

54, 59.958,
337.116

54, 59.958,
337.116

51, 67.846,
338.071

58, 50.613,
336.247

48, 73.780,
339.148

62, 40.322,
335.439

46, 77.384,
340.399

67, 29.508,
334.679

45, 78.635,
341.882

72, 18.491,
333.957


45, 78.806,
342.371

77, 7.494, 333.252

82, 3.337, 152.750

88, 13.919,
152.066

93, 24.204,
151.479

 96, 27.160,
153.452

Harmonies

Complementary

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



54, 59.958, 337.116



73, 60.118, 147.305

Rectangle

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



54, 59.958, 337.116



54, 59.958, 27.116



54, 59.958, 157.116



54, 59.958, 207.116

Sweetspot

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



54, 59.955, 337.116



89, 22.634, 333.981



45, 67.817, 304.883



46, 15.152, 334.126



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, 59.955, 337.116



63, 83.027, 338.283



52, 48.517, 7.988



39, 6.141, 333.429



36, 67.838, 342.103



4, 21.226, 338.401

Inverse Universe

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



54, 59.955, 337.116



63, 83.027, 338.283



74, 39.494, 173.372



39, 6.141, 333.429



36, 67.838, 342.103



4, 21.226, 338.401

Previews

White Background



This preview shows how the CIELCh color 54, 59.958, 337.116 looks on a white background.

Color Contrast Check

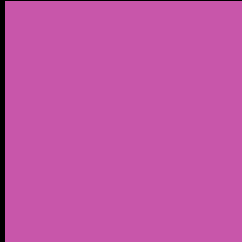
Large Text (above 18pt) WCAG AA ✓ Pass

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, 59.958, 337.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

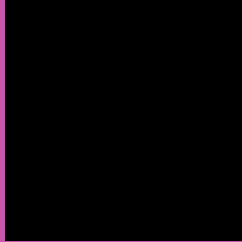
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 59.958, 337.116

Background



This preview shows how black text looks on a background with the CIELCh color 54, 59.958, 337.116.

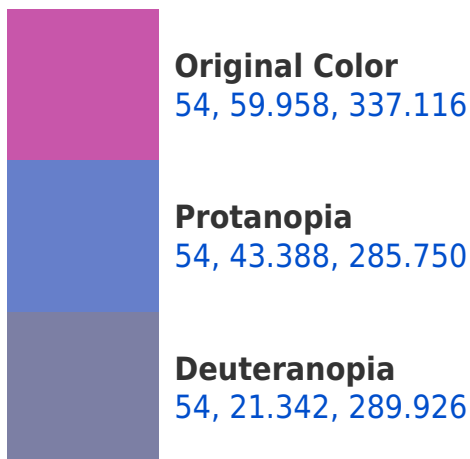


This preview shows how white text looks on a background with the CIELCh color 54, 59.958, 337.116.

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, 39.882, 18.347

Trichromacy



Original Color
54, 59.958, 337.116

Protanomaly
53, 46.624, 305.701

Deuteranomaly
53, 34.423, 318.385

Tritanomaly
54, 43.695, 359.202

Monochromacy



Original Color
54, 59.958, 337.116

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 24.114, 334.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 59.958, 337.116 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, 86, 170)` looks like.

```
.text, #text, p{  
    color:rgb(200, 86, 170)  
}
```

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, 86, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 86, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 59.958, 337.116 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, 86, 170) }
```

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

```
.border{ border-color:rgb(200, 86, 170) }
```

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

Here you see how a box with a 4 pixel rgb(200, 86, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 86, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 86, 170);  
box-shadow:4px 4px 4px 4px rgb(200, 86,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 59.958, 337.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 86, 170) }
```

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

```
.background{ background-color: rgb(200, 86,  
170) }
```

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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