

Converting Colors

CIELCh(54, 52.097, 338.806)

Have a look what the booklet for
CIELCh(54, 52.097, 338.806)
contains.

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Color

CIELCh(54, 52.076, 338.782)

Conversions

Conversions Part 1

Format	Color
Hex	C25EA3
RGB	194, 94, 163
RGB Percent	76%, 37%, 64%
CMY	0.2409, 0.6329, 0.3624
CMYK	0.00, 0.52, 0.16, 0.24
HSL	319°, 45%, 56%
HSV	319°, 52%, 76%
XYZ	32.6766, 21.9746, 36.9775
YIQ	131.7660, 37.4510, 42.6590

Conversions

Conversions Part 2

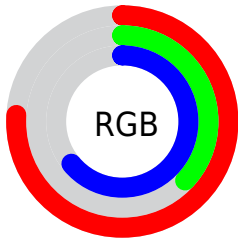
Format	Color
R_{YB}	194, 94, 163
Decimal	12738211
CIE _{Lab}	54.00, 48.55, -18.85
CIE _{LCh}	54, 52.076, 338.782
Yxy	21.9746, 0.3566, 0.2398
Android (android.graphics.Color)	4290928291 (0xFFC25EA3)
YUV	131.7660, 15.3984, 54.5792
Hunter-Lab	46.8770, 42.3923, -13.9551

Details

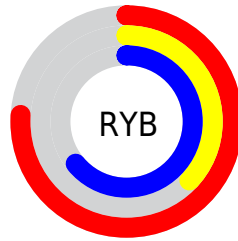
The CIELCh color **54, 52.076, 338.782** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **71, 51.645, 149.750**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 51.822, 338.668**, and **34, 52.187, 338.894** is the 20% darker color. If you saturate the color by 10%, you get **50, 60.347, 339.817**, and if you desaturate by 10%, it is **58, 42.699, 337.853**.

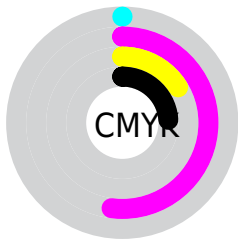
Distribution



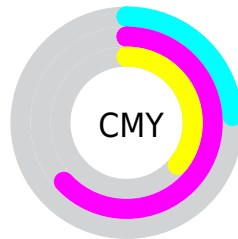
- Red (76%)
- Green (37%)
- Blue (64%)



- Red (76%)
- Yellow (37%)
- Blue (64%)



- Cyan (0%)
- Magenta (52%)
- Yellow (16%)
- Black (24%)





- Cyan (24%)
- Magenta (63%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 52.076, 338.782 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, 52.076, 338.782 by changing the saturation by 10% instead.


 54, 52.076,
338.782


 54, 52.076,
338.782


 100, 52.076,
338.782

 44, 52.076,
338.782


 74, 52.076,
338.782

 34, 52.076,
338.782

 84, 52.076,
338.782

 24, 52.076,
338.782

 94, 52.076,
338.782

 14, 52.076,
338.782

 4, 52.076, 338.782

 0, 52.076, 338.782

54, 52.076,
338.782

54, 52.076,
338.782

50, 60.347,
339.817

58, 42.699,
337.853

47, 67.020,
341.000

63, 32.671,
337.001

45, 71.642,
342.390

67, 22.338,
336.209

44, 73.965,
344.066

72, 11.951,
335.460

43, 74.510,
345.691

77, 1.677, 334.599

83, 8.383, 154.188

88, 18.174,
153.556

93, 27.669,
152.974

■ 95, 29.328,
155.466

Harmonies

Complementary

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



54, 52.076, 338.782



71, 51.645, 149.750

Rectangle

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



54, 52.076, 338.782



54, 52.076, 28.782



54, 52.076, 158.782



54, 52.076, 208.782

Sweetspot

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



54, 52.073, 338.782



90, 19.149, 335.726



47, 59.537, 305.725



47, 13.188, 335.887



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, 52.073, 338.782



65, 74.919, 339.967



52, 42.711, 10.514



38, 5.815, 335.293



35, 65.072, 345.373



3, 18.106, 340.813

Inverse Universe

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



54, 52.073, 338.782



65, 74.919, 339.967



72, 34.169, 178.111



38, 5.815, 335.293



35, 65.072, 345.373



3, 18.106, 340.813

Previews

White Background



This preview shows how the CIELCh color 54, 52.076, 338.782 looks on a white background.

Color Contrast Check

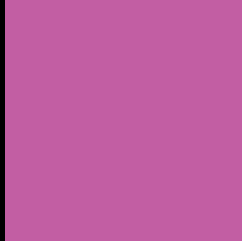
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.076, 338.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

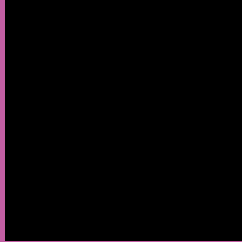
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 52.076, 338.782

Background



This preview shows how black text looks on a background with the CIELCh color 54, 52.076, 338.782.

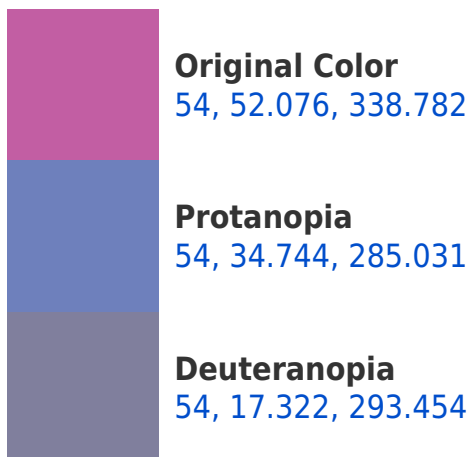


This preview shows how white text looks on a background with the CIELCh color 54, 52.076, 338.782.

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, 35.504, 17.697

Trichromacy



Original Color
54, 52.076, 338.782



Protanomaly
53, 38.140, 307.247



Deuteranomaly
53, 28.896, 321.256



Tritanomaly
54, 38.895, 0.114

Monochromacy



Original Color
54, 52.076, 338.782



Achromatopsia
55, 0.007, 296.813



Achromatomaly
54, 20.387, 336.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 52.076, 338.782 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(194, 94, 163)` looks like.

```
.text, #text, p{  
    color:rgb(194, 94, 163)  
}
```

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(194, 94, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 94, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 52.076, 338.782 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(194, 94, 163) }
```

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

```
.border{ border-color:rgb(194, 94, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 94, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 94, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 94, 163);  
box-shadow:4px 4px 4px 4px rgb(194, 94,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 52.076, 338.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 94, 163) }
```

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

```
.background{ background-color: rgb(194, 94,  
163) }
```

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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