

Converting Colors

CIELCh(55, 49.725, 349.535)

Have a look what the booklet for
CIELCh(55, 49.725, 349.535)
contains.

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Color

CIELCh(55, 49.703, 349.496)

Conversions

Conversions Part 1

Format	Color
Hex	CB5F95
RGB	203, 95, 149
RGB Percent	80%, 37%, 58%
CMY	0.2053, 0.6287, 0.4170
CMYK	0.00, 0.53, 0.27, 0.21
HSL	330°, 51%, 58%
HSV	330°, 53%, 79%
XYZ	33.9909, 22.9298, 30.9313
YIQ	133.4480, 47.0340, 39.6900

Conversions

Conversions Part 2

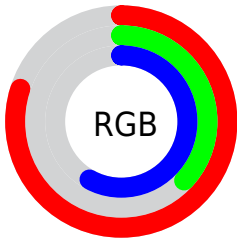
Format	Color
R_{YB}	203, 95, 149
Decimal	13328277
CIE _{Lab}	55.00, 48.87, -9.06
CIE _{LCh}	55, 49.703, 349.496
Yxy	22.9298, 0.3869, 0.2610
Android (android.graphics.Color)	4291518357 (0xFFCB5F95)
YUV	133.4480, 7.6671, 60.9971
Hunter-Lab	47.8851, 42.9081, -4.7787

Details

The CIELCh color **55, 49.703, 349.496** 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 **74, 47.044, 157.920**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 47.638, 347.337**, and **35, 49.578, 349.764** is the 20% darker color. If you saturate the color by 10%, you get **51, 57.478, 351.254**, and if you desaturate by 10%, it is **59, 40.912, 348.038**.

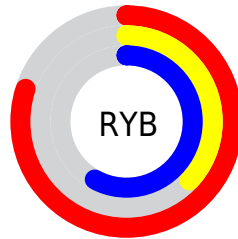
Distribution



Red (80%)

Green (37%)

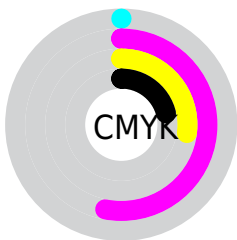
Blue (58%)



Red (80%)

Yellow (37%)

Blue (58%)

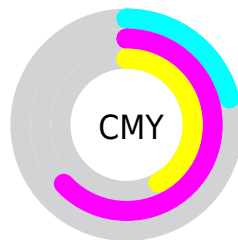


Cyan (0%)

Magenta (53%)

Yellow (27%)

Black (21%)



Cyan (21%)

Magenta (63%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 49.703, 349.496 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 55, 49.703, 349.496 by changing the saturation by 10% instead.

 55, 49.703,
349.496

 55, 49.703,
349.496

 100, 49.703,
349.496

 45, 49.703,
349.496

 75, 49.703,
349.496

 35, 49.703,
349.496

 85, 49.703,
349.496

 25, 49.703,
349.496

 95, 49.703,
349.496

 15, 49.703,
349.496

 5, 49.703, 349.496

 0, 49.703, 349.496

■ 55, 49.703,
349.496

■ 55, 49.703,
349.496

■ 51, 57.478,
351.254

■ 59, 40.912,
348.038

■ 48, 63.757,
353.424

■ 64, 31.559,
346.794

■ 46, 68.126,
356.154

■ 69, 21.983,
345.708

■ 44, 70.444,
359.606

■ 74, 12.424,
344.736


■ 44, 71.240, 2.282

■ 80, 3.033, 343.773

■ 85, 6.102, 163.193

■ 91, 14.940,
162.438

■ 96, 22.436,
162.732

 96, 19.557,
174.722

Harmonies

Complementary

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



55, 49.703, 349.496



74, 47.044, 157.920

Rectangle

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



55, 49.703, 349.496



55, 49.703, 39.496



55, 49.703, 169.496



55, 49.703, 219.496

Sweetspot

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



55, 49.700, 349.497



90, 18.096, 345.013



50, 64.336, 311.263



46, 12.243, 345.213



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55, 49.700, 349.497



63, 69.661, 351.567



54, 47.353, 24.637



40, 5.312, 344.378



35, 61.430, 1.603



4, 19.921, 353.520

Inverse Universe

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



55, 49.700, 349.497



63, 69.661, 351.567



76, 32.419, 195.315



40, 5.312, 344.378



35, 61.430, 1.603



4, 19.921, 353.520

Previews

White Background



This preview shows how the CIELCh color 55, 49.703, 349.496 looks on a white background.

Color Contrast Check

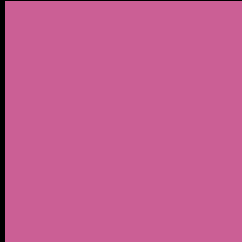
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 49.703, 349.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

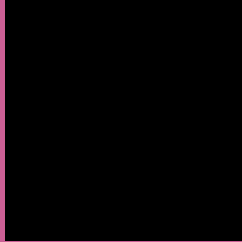
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 49.703, 349.496

Background



This preview shows how black text looks on a background with the CIELCh color 55, 49.703, 349.496.



This preview shows how white text looks on a background with the CIELCh color 55, 49.703, 349.496.

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
55, 49.703, 349.496

Protanopia
55, 24.233, 285.018

Deuteranopia
55, 9.838, 319.244



Tritanopia
55, 41.108, 19.408

Trichromacy



Original Color
55, 49.703, 349.496



Protanomaly
54, 29.187, 317.460



Deuteranomaly
54, 24.647, 340.104

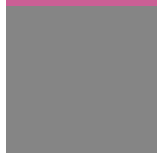


Tritanomaly
55, 42.544, 7.132

Monochromacy



Original Color
55, 49.703, 349.496



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 19.197, 345.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 49.703, 349.496 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(203, 95, 149)` looks like.

```
.text, #text, p{  
    color:rgb(203, 95, 149)  
}
```

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(203, 95, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 95, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 49.703, 349.496 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(203, 95, 149) }
```

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

```
.border{ border-color:rgb(203, 95, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 95, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 95, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 95, 149);  
box-shadow:4px 4px 4px 4px rgb(203, 95,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 49.703, 349.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 95, 149) }
```

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

```
.background{ background-color: rgb(203, 95,  
149) }
```

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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