

Converting Colors

CIELCh(55, 49.560, 354.766)

Have a look what the booklet for
CIELCh(55, 49.560, 354.766)
contains.

CIELCh(55, 49.472, 354.995)	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(55, 49.472, 354.995)

Conversions

Conversions Part 1

Format	Color
Hex	CE5E8D
RGB	206, 94, 141
RGB Percent	81%, 37%, 55%
CMY	0.1936, 0.6326, 0.4483
CMYK	0.00, 0.54, 0.32, 0.19
HSL	335°, 53%, 59%
HSV	335°, 54%, 81%
XYZ	34.1098, 22.9298, 27.7017
YIQ	132.8460, 51.6650, 38.3610

Conversions

Conversions Part 2

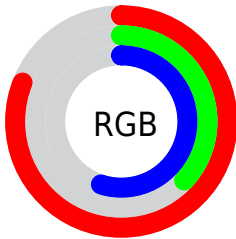
Format	Color
R_{YB}	206, 94, 141
Decimal	13524621
CIE _{Lab}	55.00, 49.28, -4.32
CIE _{LCh}	55, 49.472, 354.995
Yxy	22.9298, 0.4025, 0.2706
Android (android.graphics.Color)	4291714701 (0xFFCE5E8D)
YUV	132.8460, 4.0199, 64.1561
Hunter-Lab	47.8851, 43.3513, -0.7799

Details

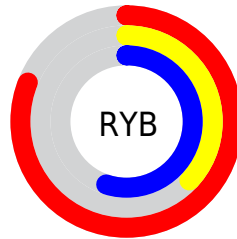
The CIELCh color **55, 49.472, 354.995** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **75, 45.196, 162.154**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 46.338, 351.702**, and **35, 49.501, 354.769** is the 20% darker color. If you saturate the color by 10%, you get **51, 57.188, 357.131**, and if you desaturate by 10%, it is **59, 40.809, 353.262**.

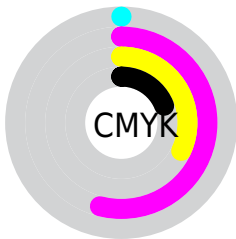
Distribution



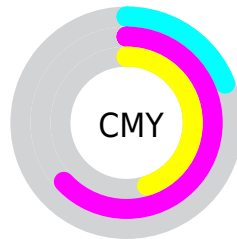
- Red (81%)
- Green (37%)
- Blue (55%)



- Red (81%)
- Yellow (37%)
- Blue (55%)



- Cyan (0%)
- Magenta (54%)
- Yellow (32%)
- Black (19%)





- Cyan (19%)
- Magenta (63%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 49.472, 354.995 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, 49.472, 354.995 by changing the saturation by 10% instead.


 55, 49.472,
354.995


 55, 49.472,
354.995


 100, 49.472,
354.995


 45, 49.472,
354.995


 75, 49.472,
354.995

 35, 49.472,
354.995

 85, 49.472,
354.995

 25, 49.472,
354.995

 95, 49.472,
354.995

 15, 49.472,
354.995

 5, 49.472, 354.995

 0, 49.472, 354.995

■ 55, 49.472,
354.995

■ 55, 49.472,
354.995

■ 51, 57.188,
357.131

■ 59, 40.809,
353.262

■ 48, 63.502,
359.813

■ 64, 31.640,
351.818

■ 46, 68.058, 3.218

■ 69, 22.301,
350.585

■ 44, 70.817, 7.502

■ 75, 13.023,
349.505


■ 44, 71.944, 10.151

■ 80, 3.951, 348.486

■ 86, 4.834, 167.848

■ 91, 13.298,
167.029

■ 96, 19.657,
168.698

 97, 17.037,
186.263

Harmonies

Complementary

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



55, 49.472, 354.995



75, 45.196, 162.154

Rectangle

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



55, 49.472, 354.995



55, 49.472, 44.995



55, 49.472, 174.995



55, 49.472, 224.995

Sweetspot

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



55, 49.469, 354.996



90, 17.215, 349.686



51, 66.877, 313.846



46, 11.654, 349.905



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, 49.469, 354.996



62, 68.381, 357.462



55, 47.050, 30.188



40, 5.044, 348.997



35, 61.230, 9.291



4, 19.229, 358.387

Inverse Universe

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



55, 49.469, 354.996



62, 68.381, 357.462



74, 30.862, 204.801



40, 5.044, 348.997



35, 61.230, 9.291



4, 19.229, 358.387

Previews

White Background



This preview shows how the CIELCh color 55, 49.472, 354.995 looks on a white background.

Color Contrast Check

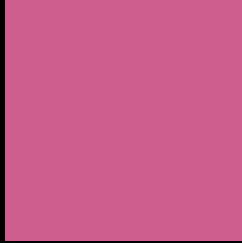
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 49.472, 354.995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

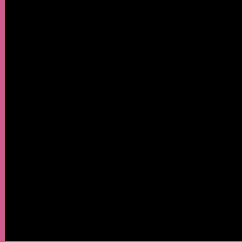
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 49.472, 354.995

Background



This preview shows how black text looks on a background with the CIELCh color 55, 49.472, 354.995.



This preview shows how white text looks on a background with the CIELCh color 55, 49.472, 354.995.

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, 49.472, 354.995

Protanopia
55, 19.608, 285.333

Deuteranopia
55, 7.535, 348.078



Tritanopia
55, 44.231, 20.332

Trichromacy



Original Color
55, 49.472, 354.995

Protanomaly
54, 26.429, 324.310

Deuteranomaly
54, 23.184, 351.195

Tritanomaly
55, 44.862, 10.773

Monochromacy



Original Color
55, 49.472, 354.995

Achromatopsia
56, 0.007, 296.813

Achromatomaly
54, 18.670, 350.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 49.472, 354.995 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(206, 94, 141)` looks like.

```
.text, #text, p{  
    color:rgb(206, 94, 141)  
}
```

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(206, 94, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 94, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 49.472, 354.995 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(206, 94, 141) }
```

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

```
.border{ border-color:rgb(206, 94, 141) }
```

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

Here you see how a box with a 4 pixel rgb(206, 94, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 94, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 94, 141);  
box-shadow:4px 4px 4px 4px rgb(206, 94,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 49.472, 354.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 94, 141) }
```

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

```
.background{ background-color: rgb(206, 94,  
141) }
```

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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