

Converting Colors

CIELCh(55, 45.973, 4.896)

Have a look what the booklet for
CIELCh(55, 45.973, 4.896) contains.

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Color

CIELCh(55, 45.973, 4.896)

Conversions

Conversions Part 1

Format	Color
Hex	CD617F
RGB	205, 97, 127
RGB Percent	80%, 38%, 50%
CMY	0.1976, 0.6210, 0.5033
CMYK	0.00, 0.53, 0.38, 0.20
HSL	343°, 52%, 59%
HSV	343°, 53%, 80%
XYZ	33.1179, 22.9298, 22.6421
YIQ	132.7120, 54.7380, 32.2260

Conversions

Conversions Part 2

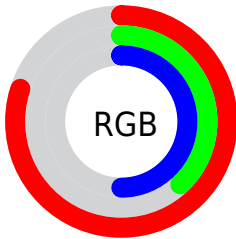
Format	Color
R_{YB}	205, 97, 127
Decimal	13459839
CIE _{Lab}	55.00, 45.81, 3.92
CIE _{LCh}	55, 45.973, 4.896
Yxy	22.9298, 0.4209, 0.2914
Android (android.graphics.Color)	4291649919 (0xFFCD617F)
YUV	132.7120, -2.8160, 63.3966
Hunter-Lab	47.8851, 39.6538, 5.4848

Details

The CIELCh color **55, 45.973, 4.896** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **75, 38.712, 171.792**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 42.366, 2.557**, and **35, 45.848, 4.996** is the 20% darker color. If you saturate the color by 10%, you get **51, 54.204, 7.425**, and if you desaturate by 10%, it is **60, 37.182, 2.880**.

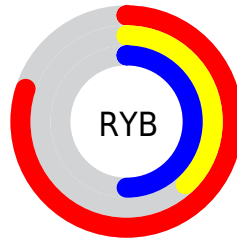
Distribution



Red (80%)

Green (38%)

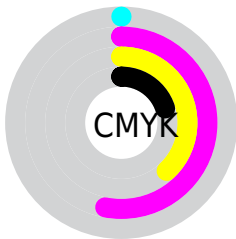
Blue (50%)



Red (80%)

Yellow (38%)

Blue (50%)

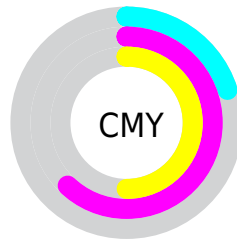


Cyan (0%)

Magenta (53%)

Yellow (38%)

Black (20%)



Cyan (20%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 45.973, 4.896 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, 45.973, 4.896 by changing the saturation by 10% instead.

 55, 45.973, 4.896  55, 45.973, 4.896

 100, 45.973, 4.896  45, 45.973, 4.896

 75, 45.973, 4.896  35, 45.973, 4.896

 85, 45.973, 4.896  25, 45.973, 4.896

 95, 45.973, 4.896  15, 45.973, 4.896

 5, 45.973, 4.896

 0, 45.973, 4.896

 55, 45.973, 4.896  55, 45.973, 4.896

 51, 54.204, 7.425  60, 37.182, 2.880

 48, 61.491, 10.625  64, 28.196, 1.238

45, 67.531, 14.660

70, 19.277,
359.872

44, 72.291, 19.602

75, 10.596,
358.702

43, 75.312, 23.508

81, 2.246, 357.538

86, 5.730, 176.978

92, 13.325,
176.161

96, 17.894,
181.342

97, 16.685,
198.398

Harmonies

Complementary

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



55, 45.973, 4.896



75, 38.712, 171.792

Rectangle

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



55, 45.973, 4.896



55, 45.973, 54.896



55, 45.973, 184.896



55, 45.973, 234.896

Sweetspot

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



55, 45.970, 4.898



89, 15.997, 359.088



54, 65.499, 318.420



46, 10.845, 359.329



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, 45.970, 4.898



63, 64.948, 7.726



59, 40.871, 41.426



40, 4.664, 358.335



35, 64.033, 22.562



4, 18.464, 5.977

Inverse Universe

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



55, 45.970, 4.898



63, 64.948, 7.726



70, 27.477, 225.815



40, 4.664, 358.335



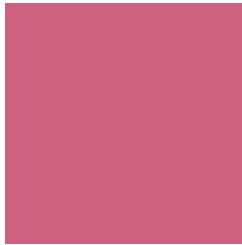
35, 64.033, 22.562



4, 18.464, 5.977

Previews

White Background



This preview shows how the CIELCh color 55, 45.973, 4.896 looks on a white background.

Color Contrast Check

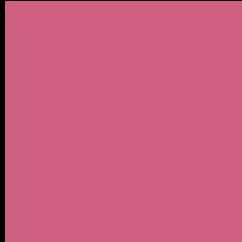
Large Text (above 18pt) WCAG AA ✓ Pass

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, 45.973, 4.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

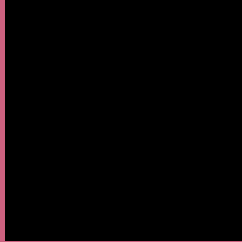
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 45.973, 4.896

Background



This preview shows how black text looks on a background with the CIELCh color 55, 45.973, 4.896.



This preview shows how white text looks on a background with the CIELCh color 55, 45.973, 4.896.

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, 45.973, 4.896

Protanopia

55, 9.196, 288.949

Deuteranopia

55, 9.363, 41.583



Tritanopia
55, 44.231, 20.332

Trichromacy



Original Color
55, 45.973, 4.896

Protanomaly
54, 19.205, 342.913

Deuteranomaly
55, 21.903, 11.614

Tritanomaly
55, 44.535, 14.873

Monochromacy



Original Color
55, 45.973, 4.896

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 17.007, 359.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 45.973, 4.896 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(205, 97, 127)` looks like.

```
.text, #text, p{  
    color:rgb(205, 97, 127)  
}
```

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(205, 97, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 97, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 45.973, 4.896 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(205, 97, 127) }
```

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

```
.border{ border-color:rgb(205, 97, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 97, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 97, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 97, 127);  
box-shadow:4px 4px 4px 4px rgb(205, 97,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 45.973, 4.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 97, 127) }
```

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

```
.background{ background-color: rgb(205, 97,  
127) }
```

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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