

Converting Colors

CIELCh(55, 52.495, 4.022)

Have a look what the booklet for
CIELCh(55, 52.495, 4.022) contains.

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Color

CIELCh(55, 52.421, 4.074)

Conversions

Conversions Part 1

Format	Color
Hex	D5597F
RGB	213, 89, 127
RGB Percent	84%, 35%, 50%
CMY	0.1634, 0.6498, 0.5009
CMYK	0.00, 0.58, 0.40, 0.16
HSL	342°, 60%, 59%
HSV	342°, 58%, 84%
XYZ	34.9826, 22.9298, 22.7566
YIQ	130.4080, 61.7060, 38.1060

Conversions

Conversions Part 2

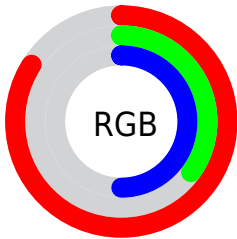
Format	Color
R_{YB}	213, 89, 127
Decimal	13982079
CIE _{Lab}	55.00, 52.29, 3.72
CIE _{LCh}	55, 52.421, 4.074
Yxy	22.9298, 0.4337, 0.2842
Android (android.graphics.Color)	4292172159 (0xFFD5597F)
YUV	130.4080, -1.6801, 72.4332
Hunter-Lab	47.8851, 46.6048, 5.3430

Details

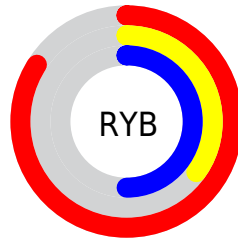
The CIELCh color **55, 52.421, 4.074** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **78, 44.372, 168.952**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 45.872, 359.762**, and **35, 52.503, 4.068** is the 20% darker color. If you saturate the color by 10%, you get **51, 60.281, 6.872**, and if you desaturate by 10%, it is **59, 43.675, 1.857**.

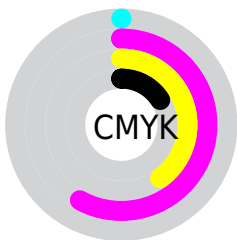
Distribution



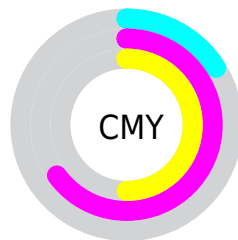
- Red (84%)
- Green (35%)
- Blue (50%)



- Red (84%)
- Yellow (35%)
- Blue (50%)



- Cyan (0%)
- Magenta (58%)
- Yellow (40%)
- Black (16%)




- Cyan (16%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 52.421, 4.074 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, 52.421, 4.074 by changing the saturation by 10% instead.

 55, 52.421, 4.074  55, 52.421, 4.074

 100, 52.421, 4.074  45, 52.421, 4.074

 75, 52.421, 4.074  35, 52.421, 4.074


 85, 52.421, 4.074  25, 52.421, 4.074

 95, 52.421, 4.074  15, 52.421, 4.074

 5, 52.421, 4.074

 0, 52.421, 4.074

 55, 52.421, 4.074  55, 52.421, 4.074

 51, 60.281, 6.872  59, 43.675, 1.857

 48, 66.873, 10.418  64, 34.470, 0.065

46, 71.999, 14.863

70, 25.148,
358.585

45, 75.920, 20.160

75, 15.947,
357.333

45, 76.657, 21.151

81, 7.017, 356.229

86, 1.566, 175.690

92, 9.771, 174.601

97, 15.055,
180.002

97, 13.945,
198.576

Harmonies

Complementary

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



55, 52.421, 4.074



78, 44.372, 168.952

Rectangle

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



55, 52.421, 4.074



55, 52.421, 54.074



55, 52.421, 184.074



55, 52.421, 234.074

Sweetspot

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



55, 52.418, 4.076



89, 17.246, 357.222



53, 73.922, 317.545



46, 11.578, 357.458



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, 52.418, 4.076



60, 71.066, 7.706



59, 48.498, 39.058



42, 4.923, 356.367



36, 64.648, 20.189



5, 22.298, 5.917

Inverse Universe

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



55, 52.418, 4.076



60, 71.066, 7.706



72, 30.624, 221.554



42, 4.923, 356.367



36, 64.648, 20.189



5, 22.298, 5.917

Previews

White Background



This preview shows how the CIELCh color 55, 52.421, 4.074 looks on a white background.

Color Contrast Check

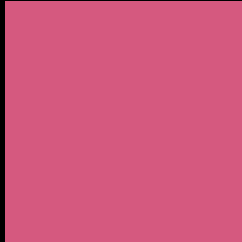
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.421, 4.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

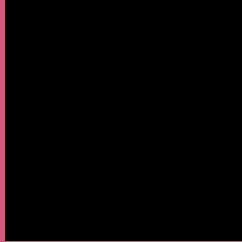
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 52.421, 4.074

Background



This preview shows how black text looks on a background with the CIELCh color 55, 52.421, 4.074.



This preview shows how white text looks on a background with the CIELCh color 55, 52.421, 4.074.

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, 52.421, 4.074

Protanopia

55, 12.072, 288.125

Deuteranopia

55, 9.776, 40.708



Tritanopia
55, 50.458, 22.080

Trichromacy



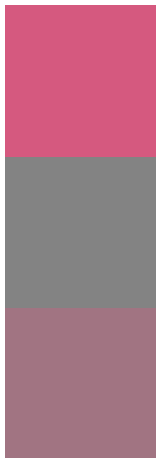
Original Color
55, 52.421, 4.074

Protanomaly
54, 23.096, 340.146

Deuteranomaly
54, 25.067, 9.480

Tritanomaly
55, 50.682, 15.002

Monochromacy



Original Color
55, 52.421, 4.074

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 19.885, 358.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 52.421, 4.074 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(213, 89, 127)` looks like.

```
.text, #text, p{  
    color:rgb(213, 89, 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(213, 89, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 89, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 52.421, 4.074 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(213, 89, 127) }
```

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

```
.border{ border-color:rgb(213, 89, 127) }
```

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

Here you see how a box with a 4 pixel rgb(213, 89, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 89, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 89, 127);  
box-shadow:4px 4px 4px 4px rgb(213, 89,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 52.421, 4.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 89, 127) }
```

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

```
.background{ background-color: rgb(213, 89,  
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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