

Converting Colors

CIELCh(55, 72.541, 334.555)

Have a look what the booklet for
CIELCh(55, 72.541, 334.555)
contains.

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Color

CIELCh(55, 72.694, 334.502)

Conversions

Conversions Part 1

Format	Color
Hex	D54CBB
RGB	213, 76, 187
RGB Percent	84%, 30%, 73%
CMY	0.1644, 0.7016, 0.2664
CMYK	0.00, 0.64, 0.12, 0.16
HSL	311°, 62%, 57%
HSV	311°, 64%, 84%
XYZ	39.0323, 22.9298, 49.4256
YIQ	129.6170, 46.0210, 63.5650

Conversions

Conversions Part 2

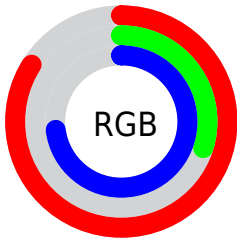
Format	Color
R_{YB}	213, 76, 187
Decimal	13978811
CIE _{Lab}	55.00, 65.61, -31.29
CIE _{LCh}	55, 72.694, 334.502
Yxy	22.9298, 0.3504, 0.2059
Android (android.graphics.Color)	4292168891 (0xFFD54CBB)
YUV	129.6170, 28.2898, 73.1269
Hunter-Lab	47.8851, 61.7007, -27.6778

Details

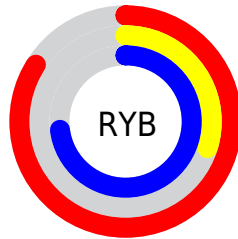
The CIELCh color **55, 72.694, 334.502** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **76, 74.133, 143.766**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 69.933, 330.026**, and **35, 71.411, 334.723** is the 20% darker color. If you saturate the color by 10%, you get **52, 79.802, 335.279**, and if you desaturate by 10%, it is **59, 63.579, 333.767**.

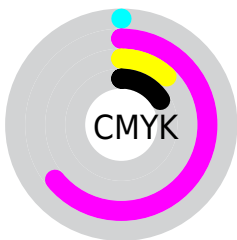
Distribution



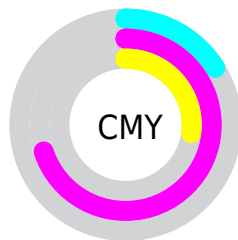
- Red (84%)
- Green (30%)
- Blue (73%)



- Red (84%)
- Yellow (30%)
- Blue (73%)



- Cyan (0%)
- Magenta (64%)
- Yellow (12%)
- Black (16%)





- Cyan (16%)
- Magenta (70%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 72.694, 334.502 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, 72.694, 334.502 by changing the saturation by 10% instead.


 55, 72.694,
334.502


 55, 72.694,
334.502


 100, 72.694,
334.502


 45, 72.694,
334.502


 75, 72.694,
334.502

 35, 72.694,
334.502

 85, 72.694,
334.502

 25, 72.694,
334.502

 95, 72.694,
334.502

 15, 72.694,
334.502

 5, 72.694, 334.502

 0, 72.694, 334.502

55, 72.694,
334.502

55, 72.694,
334.502

52, 79.802,
335.279

59, 63.579,
333.767

50, 84.480,
336.122

63, 53.006,
333.059

49, 86.579,
337.068

67, 41.497,
332.370

48, 86.962,
337.651

72, 29.486,
331.700

78, 17.299,
331.044

83, 5.162, 330.376

88, 6.778, 149.885

94, 18.435,
149.281

■ 96, 22.004,
151.106

Harmonies

Complementary

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



55, 72.694, 334.502



76, 74.133, 143.766

Rectangle

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



55, 72.694, 334.502



55, 72.694, 24.502



55, 72.694, 154.502



55, 72.694, 204.502

Sweetspot

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



55, 72.691, 334.502



88, 26.659, 331.364



42, 81.214, 304.180



45, 18.359, 331.554



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, 72.691, 334.502



61, 93.591, 335.565



53, 57.399, 4.903



42, 6.879, 330.728



39, 73.924, 337.479



6, 28.659, 335.398

Inverse Universe

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



55, 72.691, 334.502



61, 93.591, 335.565



77, 48.381, 167.257



42, 6.879, 330.728



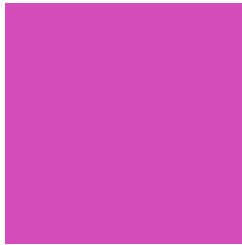
39, 73.924, 337.479



6, 28.659, 335.398

Previews

White Background



This preview shows how the CIELCh color 55, 72.694, 334.502 looks on a white background.

Color Contrast Check

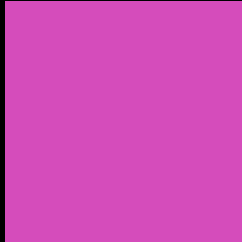
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.694, 334.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

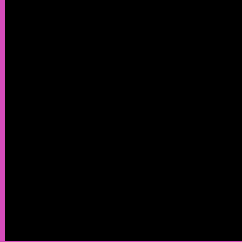
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 72.694, 334.502

Background



This preview shows how black text looks on a background with the CIELCh color 55, 72.694, 334.502.

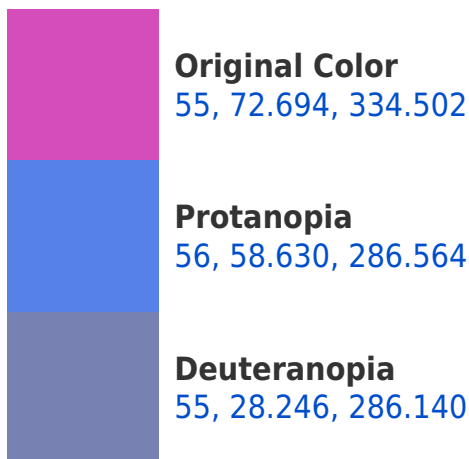


This preview shows how white text looks on a background with the CIELCh color 55, 72.694, 334.502.

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
55, 45.550, 20.701

Trichromacy



Original Color
55, 72.694, 334.502

Protanomaly
53, 60.980, 302.878

Deuteranomaly
53, 44.088, 314.143

Tritanomaly
55, 50.649, 358.450

Monochromacy



Original Color
55, 72.694, 334.502

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 30.211, 331.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 72.694, 334.502 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, 76, 187)` looks like.

```
.text, #text, p{  
    color:rgb(213, 76, 187)  
}
```

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, 76, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 76, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 72.694, 334.502 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, 76, 187) }
```

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

```
.border{ border-color:rgb(213, 76, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 76, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 76, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 76, 187);  
box-shadow:4px 4px 4px 4px rgb(213, 76,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 72.694, 334.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 76, 187) }
```

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

```
.background{ background-color: rgb(213, 76,  
187) }
```

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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