

Converting Colors

CIELCh(55, 72.790, 334.791)

Have a look what the booklet for
CIELCh(55, 72.790, 334.791)
contains.

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Color

CIELCh(55, 72.817, 334.768)

Conversions

Conversions Part 1

Format	Color
Hex	D64CBB
RGB	214, 76, 187
RGB Percent	84%, 30%, 73%
CMY	0.1623, 0.7034, 0.2680
CMYK	0.00, 0.65, 0.13, 0.16
HSL	312°, 63%, 57%
HSV	312°, 65%, 84%
XYZ	39.1130, 22.9298, 49.1824
YIQ	129.9160, 46.6170, 63.7770

Conversions

Conversions Part 2

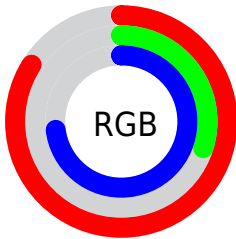
Format	Color
R_{YB}	214, 76, 187
Decimal	14044347
CIE _{Lab}	55.00, 65.87, -31.04
CIE _{LCh}	55, 72.817, 334.768
Yxy	22.9298, 0.3517, 0.2062
Android (android.graphics.Color)	4292234427 (0xFFD64CBB)
YUV	129.9160, 28.1424, 73.7417
Hunter-Lab	47.8851, 62.0014, -27.3766

Details

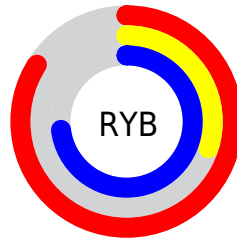
The CIELCh color **55, 72.817, 334.768** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **76, 74.278, 143.894**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 69.933, 330.026**, and **36, 71.445, 335.020** is the 20% darker color. If you saturate the color by 10%, you get **52, 79.838, 335.566**, and if you desaturate by 10%, it is **59, 63.771, 334.018**.

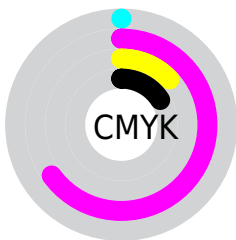
Distribution



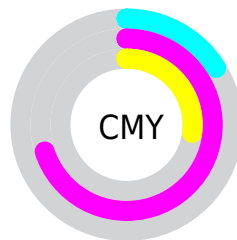
- Red (84%)
- Green (30%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (65%)
- Yellow (13%)
- Black (16%)



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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 72.817, 334.768 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, 72.817, 334.768 by changing the saturation by 10% instead.

 55, 72.817,
334.768


 55, 72.817,
334.768

 100, 72.817,
334.768


 45, 72.817,
334.768


 75, 72.817,
334.768


 35, 72.817,
334.768


 85, 72.817,
334.768

 25, 72.817,
334.768

 95, 72.817,
334.768

 15, 72.817,
334.768

 5, 72.817, 334.768

 0, 72.817, 334.768

55, 72.817,
334.768

55, 72.817,
334.768

52, 79.838,
335.566

59, 63.771,
334.018

50, 84.418,
336.438

63, 53.252,
333.298

49, 86.414,
337.422

67, 41.783,
332.601

49, 86.757,
337.996

72, 29.801,
331.924

78, 17.637,
331.264

83, 5.520, 330.595

89, 6.404, 150.100

94, 18.047,
149.491

■ 96, 21.585,
151.429

Harmonies

Complementary

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



55, 72.817, 334.768



76, 74.278, 143.894

Rectangle

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



55, 72.817, 334.768



55, 72.817, 24.768



55, 72.817, 154.768



55, 72.817, 204.768

Sweetspot

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



55, 72.814, 334.768



88, 26.554, 331.565



42, 81.787, 304.222



45, 18.287, 331.757



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, 72.814, 334.768



61, 93.802, 335.921



53, 57.752, 4.993



42, 6.852, 330.925



39, 73.614, 337.814



6, 28.540, 335.661

Inverse Universe

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



55, 72.814, 334.768



61, 93.802, 335.921



77, 48.651, 167.206



42, 6.852, 330.925



39, 73.614, 337.814



6, 28.540, 335.661

Previews

White Background



This preview shows how the CIELCh color 55, 72.817, 334.768 looks on a white background.

Color Contrast Check

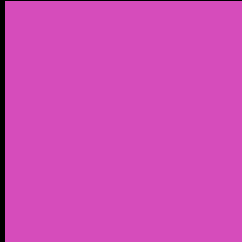
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.817, 334.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

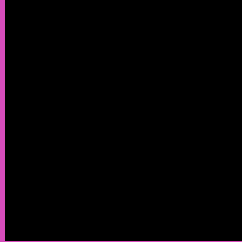
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 72.817, 334.768

Background



This preview shows how black text looks on a background with the CIELCh color 55, 72.817, 334.768.

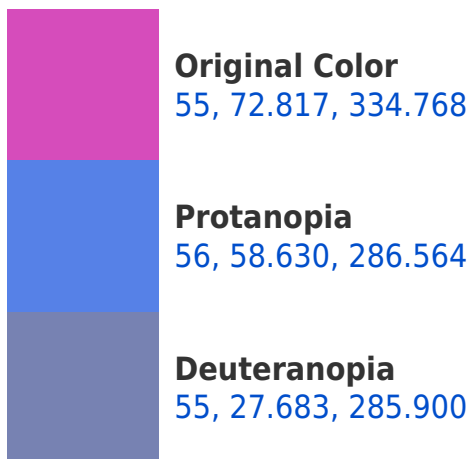


This preview shows how white text looks on a background with the CIELCh color 55, 72.817, 334.768.

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, 46.031, 20.859

Trichromacy



Original Color
55, 72.817, 334.768



Protanomaly
53, 60.980, 302.878



Deuteranomaly
53, 43.568, 314.396



Tritanomaly
55, 51.126, 358.173

Monochromacy



Original Color
55, 72.817, 334.768



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, 72.817, 334.768 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(214, 76, 187)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 76, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 76, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 72.817, 334.768 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(214, 76, 187) }
```

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

```
.border{ border-color:rgb(214, 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(214, 76, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 76, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 76, 187); box-shadow:4px 4px 4px 4px rgb(214, 76, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 72.817, 334.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 76, 187) }
```

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

```
.background{ background-color: rgb(214, 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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