

Converting Colors

CIELCh(55, 62.939, 349.426)

Have a look what the booklet for
CIELCh(55, 62.939, 349.426)
contains.

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Color

CIELCh(55, 62.902, 349.433)

Conversions

Conversions Part 1

Format	Color
Hex	DB4E99
RGB	219, 78, 153
RGB Percent	86%, 31%, 60%
CMY	0.1397, 0.6927, 0.3987
CMYK	0.00, 0.64, 0.30, 0.14
HSL	328°, 66%, 58%
HSV	328°, 64%, 86%
XYZ	37.8539, 22.9298, 32.7107
YIQ	128.7090, 59.9610, 53.2170

Conversions

Conversions Part 2

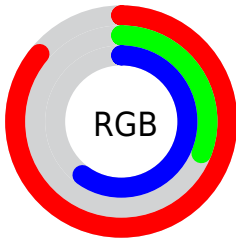
Format	Color
R_{YB}	219, 78, 153
Decimal	14372505
CIE _{Lab}	55.00, 61.84, -11.54
CIE _{LCh}	55, 62.902, 349.433
Yxy	22.9298, 0.4049, 0.2453
Android (android.graphics.Color)	4292562585 (0xFFDB4E99)
YUV	128.7090, 11.9755, 79.1852
Hunter-Lab	47.8851, 57.3080, -6.9818

Details

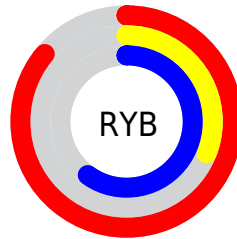
The CIELCh color **55, 62.902, 349.433** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **79, 60.552, 154.582**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 56.503, 342.938**, and **35, 62.942, 349.428** is the 20% darker color. If you saturate the color by 10%, you get **52, 69.323, 351.502**, and if you desaturate by 10%, it is **59, 54.740, 347.753**.

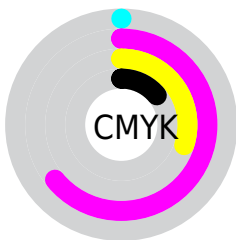
Distribution



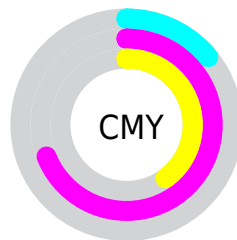
- Red (86%)
- Green (31%)
- Blue (60%)



- Red (86%)
- Yellow (31%)
- Blue (60%)



- Cyan (0%)
- Magenta (64%)
- Yellow (30%)
- Black (14%)





- Cyan (14%)
- Magenta (69%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 62.902, 349.433 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, 62.902, 349.433 by changing the saturation by 10% instead.


 55, 62.902,
349.433


 55, 62.902,
349.433


 100, 62.902,
349.433


 45, 62.902,
349.433


 75, 62.902,
349.433

 35, 62.902,
349.433

 85, 62.902,
349.433

 25, 62.902,
349.433

 95, 62.902,
349.433

 15, 62.902,
349.433

 5, 62.902, 349.433

 0, 62.902, 349.433

55, 62.902,
349.433

55, 62.902,
349.433

52, 69.323,
351.502

59, 54.740,
347.753

49, 73.584,
354.098

63, 45.383,
346.350

48, 75.571,
357.376

68, 35.325,
345.147

47, 76.044,
359.520


74, 24.958,
344.092

79, 14.562,
343.144

85, 4.315, 342.229

91, 5.678, 161.630

97, 15.362,
160.874

 97, 13.161,
177.671

Harmonies

Complementary

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



55, 62.902, 349.433



79, 60.552, 154.582

Rectangle

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



55, 62.902, 349.433



55, 62.902, 39.433



55, 62.902, 169.433



55, 62.902, 219.433

Sweetspot

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



55, 62.899, 349.434



88, 21.995, 343.596



48, 82.497, 311.325



45, 15.170, 343.873



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, 62.899, 349.434



59, 79.565, 352.312



53, 61.812, 26.469



43, 5.760, 342.709



37, 63.923, 358.830



6, 25.415, 352.261

Inverse Universe

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



55, 62.899, 349.434



59, 79.565, 352.312



80, 39.250, 193.021



43, 5.760, 342.709



37, 63.923, 358.830



6, 25.415, 352.261

Previews

White Background



This preview shows how the CIELCh color 55, 62.902, 349.433 looks on a white background.

Color Contrast Check

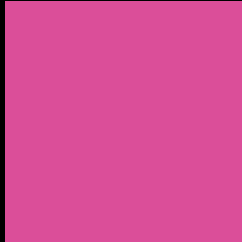
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 55, 62.902, 349.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

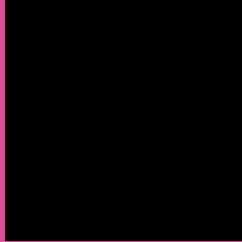
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 62.902, 349.433

Background



This preview shows how black text looks on a background with the CIELCh color 55, 62.902, 349.433.

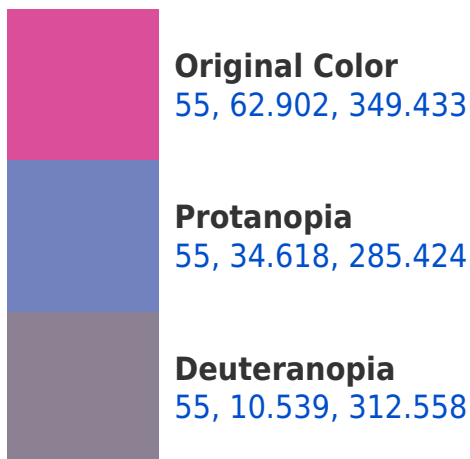


This preview shows how white text looks on a background with the CIELCh color 55, 62.902, 349.433.

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](#).

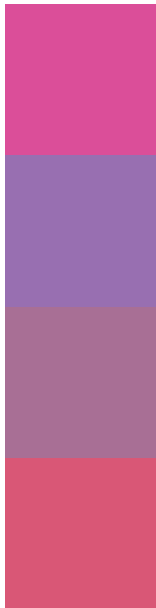
Dichromacy





Tritanopia
55, 53.218, 23.351

Trichromacy



Original Color
55, 62.902, 349.433

Protanomaly
53, 40.730, 314.805

Deuteranomaly
54, 30.703, 338.219

Tritanomaly
55, 54.372, 9.752

Monochromacy



Original Color
55, 62.902, 349.433

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 25.314, 344.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 62.902, 349.433 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(219, 78, 153)` looks like.

```
.text, #text, p{  
    color:rgb(219, 78, 153)  
}
```

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(219, 78, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 78, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 62.902, 349.433 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(219, 78, 153) }
```

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

```
.border{ border-color:rgb(219, 78, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 78, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 78, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 78, 153); box-shadow:4px 4px 4px 4px rgb(219, 78, 153) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 62.902, 349.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 78, 153) }
```

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

```
.background{ background-color: rgb(219, 78,  
153) }
```

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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