

Converting Colors

CIELCh(55, 70.100, 344.482)

Have a look what the booklet for
CIELCh(55, 70.100, 344.482)
contains.

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Color

CIELCh(55, 70.231, 344.234)

Conversions

Conversions Part 1

Format	Color
Hex	DF46A6
RGB	223, 70, 166
RGB Percent	87%, 27%, 65%
CMY	0.1242, 0.7241, 0.3478
CMYK	0.00, 0.68, 0.26, 0.12
HSL	322°, 71%, 58%
HSV	322°, 68%, 88%
XYZ	39.6580, 22.9298, 38.5571
YIQ	126.6910, 60.3720, 62.2920

Conversions

Conversions Part 2

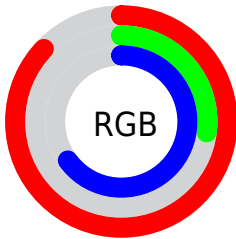
Format	Color
R _{YB}	223, 70, 166
Decimal	14632614
CIE _{Lab}	55.00, 67.59, -19.08
CIE _{LCh}	55, 70.231, 344.234
Y _{xy}	22.9298, 0.3921, 0.2267
Android (android.graphics.Color)	4292822694 (0xFFDF46A6)
YUV	126.6910, 19.3793, 84.4630
Hunter-Lab	47.8851, 64.0329, -14.2207

Details

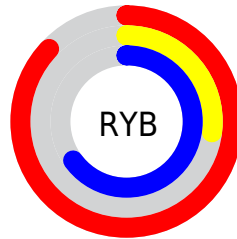
The CIELCh color **55, 70.231, 344.234** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **80, 70.338, 149.579**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 64.166, 336.806**, and **36, 66.251, 345.046** is the 20% darker color. If you saturate the color by 10%, you get **52, 75.874, 345.925**, and if you desaturate by 10%, it is **59, 62.447, 342.832**.

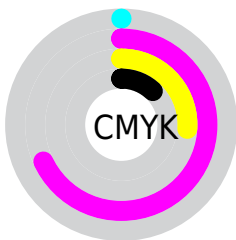
Distribution



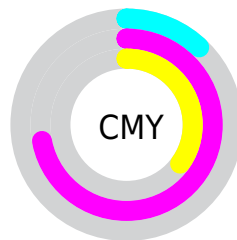
- Red (87%)
- Green (27%)
- Blue (65%)



- Red (87%)
- Yellow (27%)
- Blue (65%)



- Cyan (0%)
- Magenta (68%)
- Yellow (26%)
- Black (12%)





- Cyan (12%)
- Magenta (72%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 70.231, 344.234 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, 70.231, 344.234 by changing the saturation by 10% instead.


 55, 70.231,
344.234


 55, 70.231,
344.234


 100, 70.231,
344.234


 45, 70.231,
344.234


 75, 70.231,
344.234

 35, 70.231,
344.234

 85, 70.231,
344.234

 25, 70.231,
344.234

 95, 70.231,
344.234

 15, 70.231,
344.234

 5, 70.231, 344.234

 0, 70.231, 344.234

■ 55, 70.231,
344.234

■ 55, 70.231,
344.234

■ 52, 75.874,
345.925

■ 59, 62.447,
342.832

■ 50, 79.032,
348.008

■ 63, 53.074,
341.634

■ 49, 79.850,
350.573

■ 68, 42.664,
340.584

■ 49, 79.903,
350.981


■ 73, 31.688,
339.641

■ 78, 20.501,
338.780

■ 84, 9.345, 337.971

■ 90, 1.625, 157.526

■ 96, 12.319,
156.638

 97, 13.129,
166.263

Harmonies

Complementary

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



55, 70.231, 344.234



80, 70.338, 149.579

Rectangle

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



55, 70.231, 344.234



55, 70.231, 34.234



55, 70.231, 164.234



55, 70.231, 214.234

Sweetspot

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



55, 70.228, 344.235



87, 25.953, 339.002



45, 89.192, 308.900



44, 17.585, 339.240



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, 70.228, 344.235



58, 85.645, 346.726



53, 64.420, 20.622



44, 6.274, 338.047



38, 67.062, 350.489



7, 28.115, 345.815

Inverse Universe

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



55, 70.228, 344.235



58, 85.645, 346.726



81, 44.319, 182.114



44, 6.274, 338.047



38, 67.062, 350.489



7, 28.115, 345.815

Previews

White Background



This preview shows how the CIELCh color 55, 70.231, 344.234 looks on a white background.

Color Contrast Check

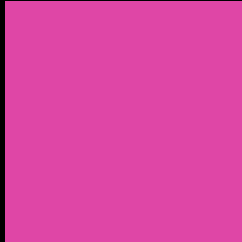
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70.231, 344.234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

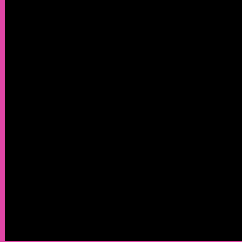
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 70.231, 344.234

Background



This preview shows how black text looks on a background with the CIELCh color 55, 70.231, 344.234.

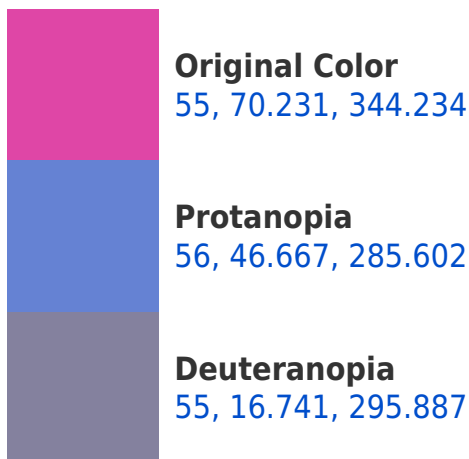


This preview shows how white text looks on a background with the CIELCh color 55, 70.231, 344.234.

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](#).

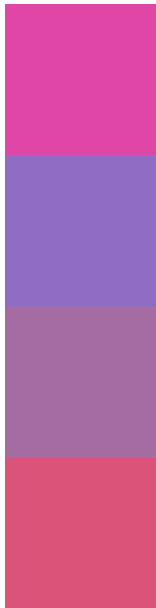
Dichromacy





Tritanopia
55, 55.167, 24.383

Trichromacy



Original Color
55, 70.231, 344.234

Protanomaly
53, 51.738, 308.963

Deuteranomaly
53, 36.847, 328.311

Tritanomaly
55, 56.716, 7.201

Monochromacy



Original Color
55, 70.231, 344.234

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 29.534, 340.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 70.231, 344.234 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(223, 70, 166)` looks like.

```
.text, #text, p{  
    color:rgb(223, 70, 166)  
}
```

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(223, 70, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 70, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 70.231, 344.234 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(223, 70, 166) }
```

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

```
.border{ border-color:rgb(223, 70, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 70, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 70, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 70, 166);  
box-shadow:4px 4px 4px 4px rgb(223, 70,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 70.231, 344.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 70, 166) }
```

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

```
.background{ background-color: rgb(223, 70,  
166) }
```

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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