

Converting Colors

CIELCh(55, 76.916, 344.048)

Have a look what the booklet for
CIELCh(55, 76.916, 344.048)
contains.

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Color

CIELCh(55, 76.985, 344.053)

Conversions

Conversions Part 1

Format	Color
Hex	E73AAA
RGB	231, 58, 170
RGB Percent	91%, 23%, 67%
CMY	0.0940, 0.7723, 0.3332
CMYK	0.00, 0.75, 0.26, 0.09
HSL	321°, 78%, 57%
HSV	321°, 75%, 91%
XYZ	41.7421, 22.9298, 40.2734
YIQ	122.4950, 67.1560, 71.5080

Conversions

Conversions Part 2

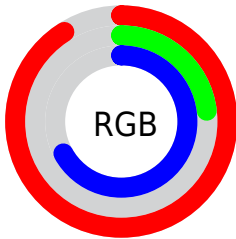
Format	Color
R _{YB}	231, 58, 170
Decimal	15153834
CIE _{Lab}	55.00, 74.02, -21.15
CIE _{LCh}	55, 76.985, 344.053
Yxy	22.9298, 0.3978, 0.2185
Android (android.graphics.Color)	4293343914 (0xFFE73AAA)
YUV	122.4950, 23.4200, 95.1589
Hunter-Lab	47.8851, 71.8018, -16.3458

Details

The CIELCh color **55, 76.985, 344.053** is a light color, and the websafe version is hex **CC3399**. The color can be described as light washed rose. A complement of this color would be **82, 78.812, 147.604**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 69.820, 335.077**, and **38, 68.070, 345.493** is the 20% darker color. If you saturate the color by 10%, you get **53, 81.156, 345.850**, and if you desaturate by 10%, it is **58, 70.307, 342.575**.

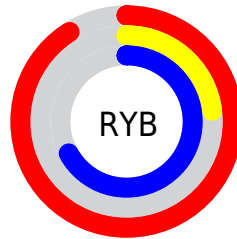
Distribution



Red (91%)

Green (23%)

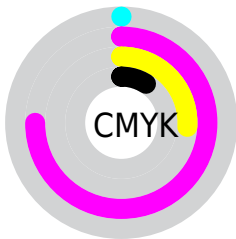
Blue (67%)



Red (91%)

Yellow (23%)

Blue (67%)

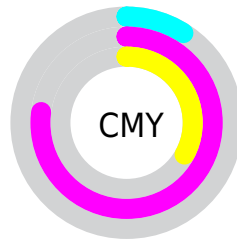


Cyan (0%)

Magenta (75%)

Yellow (26%)

Black (9%)



Cyan (9%)


Magenta (77%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 76.985, 344.053 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, 76.985, 344.053 by changing the saturation by 10% instead.


 55, 76.985,
344.053


 55, 76.985,
344.053


 100, 76.985,
344.053


 45, 76.985,
344.053


 75, 76.985,
344.053

 35, 76.985,
344.053

 85, 76.985,
344.053

 25, 76.985,
344.053

 95, 76.985,
344.053

 15, 76.985,
344.053

 5, 76.985, 344.053

 0, 76.985, 344.053

55, 76.985,
344.053

55, 76.985,
344.053

53, 81.156,
345.850

58, 70.307,
342.575

51, 82.704,
348.071

62, 61.591,
341.325

51, 82.808,
349.357

67, 51.417,
340.238

72, 40.339,
339.268

77, 28.804,
338.386

83, 17.141,
337.569

89, 5.569, 336.773

95, 5.777, 156.215

■ 98, 10.306,
163.682

Harmonies

Complementary

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



55, 76.985, 344.053



82, 78.812, 147.604

Rectangle

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



55, 76.985, 344.053



55, 76.985, 34.053



55, 76.985, 164.053



55, 76.985, 214.053

Sweetspot

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



55, 76.981, 344.054



86, 27.579, 338.156



42, 99.595, 308.871



44, 18.546, 338.384



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, 76.981, 344.054



57, 88.716, 347.039



53, 71.555, 21.826



45, 6.484, 337.143



39, 68.491, 348.878



7, 29.600, 344.726

Inverse Universe

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



55, 76.981, 344.054



57, 88.716, 347.039



83, 48.555, 179.662



45, 6.484, 337.143



39, 68.491, 348.878



7, 29.600, 344.726

Previews

White Background



This preview shows how the CIELCh color 55, 76.985, 344.053 looks on a white background.

Color Contrast Check

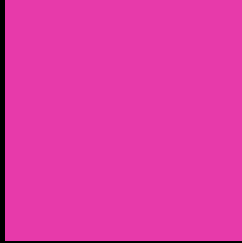
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.985, 344.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

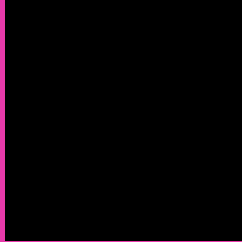
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 76.985, 344.053

Background



This preview shows how black text looks on a background with the CIELCh color 55, 76.985, 344.053.

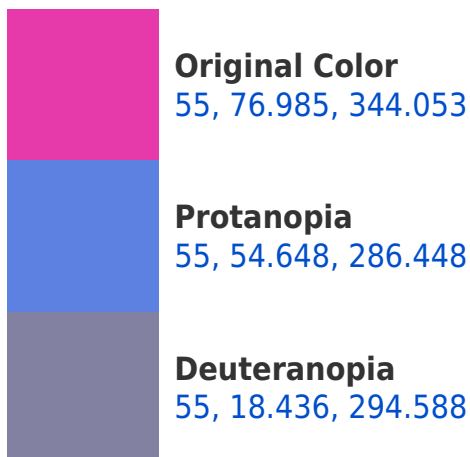


This preview shows how white text looks on a background with the CIELCh color 55, 76.985, 344.053.

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, 61.816, 26.015

Trichromacy



Original Color
55, 76.985, 344.053



Protanomaly
52, 59.699, 308.402



Deuteranomaly
53, 41.795, 327.811



Tritanomaly
55, 62.751, 8.191

Monochromacy



Original Color
55, 76.985, 344.053



Achromatopsia
52, 0.007, 296.813



Achromatomaly
50, 33.713, 339.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 76.985, 344.053 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(231, 58, 170)` looks like.

```
.text, #text, p{  
    color:rgb(231, 58, 170)  
}
```

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(231, 58, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 58, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 76.985, 344.053 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(231, 58, 170) }
```

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

```
.border{ border-color:rgb(231, 58, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 58, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 58, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 58, 170);  
box-shadow:4px 4px 4px 4px rgb(231, 58,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 76.985, 344.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 58, 170) }
```

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

```
.background{ background-color: rgb(231, 58,  
170) }
```

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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