

Converting Colors

CIELCh(55, 76.219, 344.659)

Have a look what the booklet for
CIELCh(55, 76.219, 344.659)
contains.

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Color

CIELCh(55, 76.145, 344.820)

Conversions

Conversions Part 1

Format	Color
Hex	E73BA8
RGB	231, 59, 168
RGB Percent	91%, 23%, 66%
CMY	0.0943, 0.7688, 0.3413
CMYK	0.00, 0.74, 0.27, 0.09
HSL	322°, 78%, 57%
HSV	322°, 74%, 91%
XYZ	41.5663, 22.9298, 39.2614
YIQ	122.8540, 67.5230, 70.3630

Conversions

Conversions Part 2

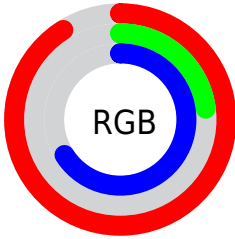
Format	Color
R _Y B	231, 59, 168
Decimal	15154088
CIE Lab	55.00, 73.49, -19.94
CIE LCh	55, 76.145, 344.820
Yxy	22.9298, 0.4006, 0.2210
Android (android.graphics.Color)	4293344168 (0xFFE73BA8)
YUV	122.8540, 22.2570, 94.8440
Hunter-Lab	47.8851, 71.1466, -15.0928

Details

The CIELCh color **55, 76.145, 344.820** 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, 77.580, 148.217**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 69.131, 335.714**, and **38, 67.585, 346.372** is the 20% darker color. If you saturate the color by 10%, you get **53, 80.404, 346.696**, and if you desaturate by 10%, it is **58, 69.412, 343.284**.

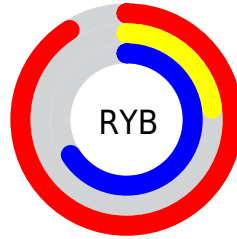
Distribution



Red (91%)

Green (23%)

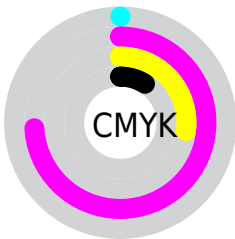
Blue (66%)



Red (91%)

Yellow (23%)

Blue (66%)

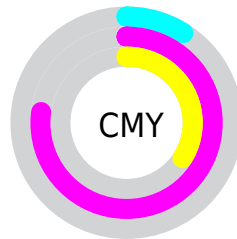


Cyan (0%)

Magenta (74%)

Yellow (27%)

Black (9%)



Cyan (9%)


Magenta (77%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 76.145, 344.820 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, 76.145, 344.820 by changing the saturation by 10% instead.


 55, 76.145,
344.820


 55, 76.145,
344.820


 100, 76.145,
344.820


 45, 76.145,
344.820


 75, 76.145,
344.820


 35, 76.145,
344.820

 85, 76.145,
344.820

 25, 76.145,
344.820

 95, 76.145,
344.820

 15, 76.145,
344.820

 5, 76.145, 344.820

 0, 76.145, 344.820

■ 55, 76.145,
344.820

■ 55, 76.145,
344.820

■ 53, 80.404,
346.696

■ 58, 69.412,
343.284

■ 51, 82.059,
349.022

■ 62, 60.682,
341.992

■ 51, 82.192,
350.488

■ 67, 50.535,
340.874


■ 72, 39.517,
339.881

■ 77, 28.070,
338.982

■ 83, 16.514,
338.152

■ 89, 5.060, 337.339

■ 95, 6.160, 156.779

 98, 10.110,
165.450

Harmonies

Complementary

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



55, 76.145, 344.820



82, 77.580, 148.217

Rectangle

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



55, 76.145, 344.820



55, 76.145, 34.820



55, 76.145, 164.820



55, 76.145, 214.820

Sweetspot

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



55, 76.141, 344.821



86, 27.323, 338.781



42, 99.097, 308.851



44, 18.375, 339.014



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, 76.141, 344.821



57, 87.892, 347.798



53, 71.189, 21.664



45, 6.421, 337.751



39, 67.996, 349.981



7, 29.377, 345.583

Inverse Universe

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



55, 76.141, 344.821



57, 87.892, 347.798



83, 48.403, 179.714



45, 6.421, 337.751



39, 67.996, 349.981



7, 29.377, 345.583

Previews

White Background



This preview shows how the CIELCh color 55, 76.145, 344.820 looks on a white background.

Color Contrast Check

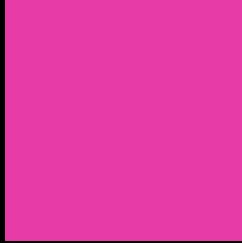
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.145, 344.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

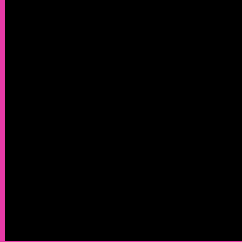
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 76.145, 344.820

Background



This preview shows how black text looks on a background with the CIELCh color 55, 76.145, 344.820.

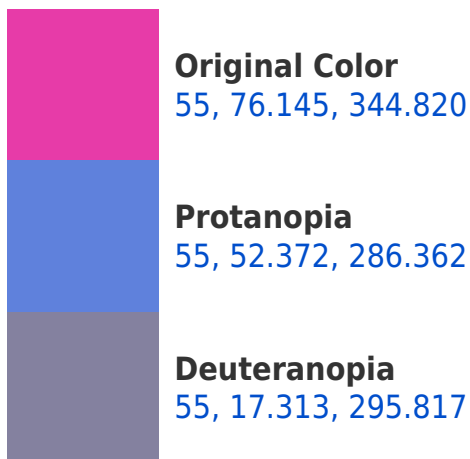


This preview shows how white text looks on a background with the CIELCh color 55, 76.145, 344.820.

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, 76.145, 344.820



Protanomaly
52, 57.490, 308.810



Deuteranomaly
53, 40.457, 329.254



Tritanomaly
55, 62.747, 8.709

Monochromacy



Original Color
55, 76.145, 344.820



Achromatopsia
52, 0.007, 296.813



Achromatomaly
50, 32.725, 340.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 76.145, 344.820 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, 59, 168)` looks like.

```
.text, #text, p{  
    color:rgb(231, 59, 168)  
}
```

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, 59, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 59, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 76.145, 344.820 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, 59, 168) }
```

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

```
.border{ border-color:rgb(231, 59, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 59, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 59, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 59, 168);  
box-shadow:4px 4px 4px 4px rgb(231, 59,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 76.145, 344.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 59, 168) }
```

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

```
.background{ background-color: rgb(231, 59,  
168) }
```

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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