

Converting Colors

CIELCh(55, 73.146, 346.070)

Have a look what the booklet for
CIELCh(55, 73.146, 346.070)
contains.

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Color

CIELCh(55, 73.086, 346.122)

Conversions

Conversions Part 1

Format	Color
Hex	E540A4
RGB	229, 64, 164
RGB Percent	90%, 25%, 64%
CMY	0.1029, 0.7500, 0.3577
CMYK	0.00, 0.72, 0.28, 0.10
HSL	324°, 76%, 57%
HSV	324°, 72%, 90%
XYZ	40.7387, 22.9298, 37.3020
YIQ	124.7350, 66.2400, 66.0800

Conversions

Conversions Part 2

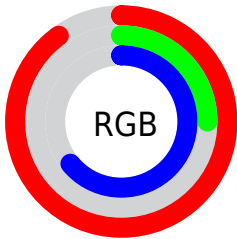
Format	Color
RYB	229, 64, 164
Decimal	15024292
CIELab	55.00, 70.95, -17.53
CIElCh	55, 73.086, 346.122
Yxy	22.9298, 0.4035, 0.2271
Android (android.graphics.Color)	4293214372 (0xFFE540A4)
YUV	124.7350, 19.3576, 91.4404
Hunter-Lab	47.8851, 68.0617, -12.6667

Details

The CIELCh color **55, 73.086, 346.122** 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 **81, 73.376, 149.788**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 65.662, 337.266**, and **37, 66.397, 347.552** is the 20% darker color. If you saturate the color by 10%, you get **52, 77.898, 348.088**, and if you desaturate by 10%, it is **58, 65.951, 344.520**.

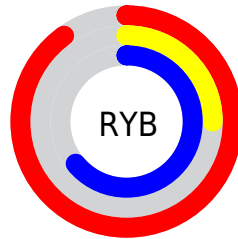
Distribution



Red (90%)

Green (25%)

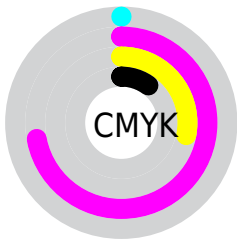
Blue (64%)



Red (90%)

Yellow (25%)

Blue (64%)

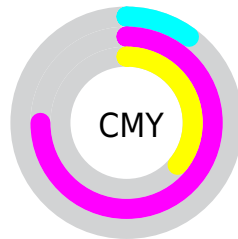


Cyan (0%)

Magenta (72%)

Yellow (28%)

Black (10%)



Cyan (10%)


Magenta (75%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 73.086, 346.122 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, 73.086, 346.122 by changing the saturation by 10% instead.


 55, 73.086,
346.122


 55, 73.086,
346.122


 100, 73.086,
346.122


 45, 73.086,
346.122


 75, 73.086,
346.122

 35, 73.086,
346.122

 85, 73.086,
346.122

 25, 73.086,
346.122

 95, 73.086,
346.122

 15, 73.086,
346.122

 5, 73.086, 346.122

 0, 73.086, 346.122

■ 55, 73.086,
346.122

■ 55, 73.086,
346.122

■ 52, 77.898,
348.088

■ 58, 65.951,
344.520

■ 51, 80.168,
350.538

■ 63, 57.007,
343.179

■ 50, 80.534,
352.824

■ 67, 46.825,
342.023

■ 72, 35.924,
341.003

■ 78, 24.704,
340.083

■ 84, 13.449,
339.236

■ 90, 2.344, 338.325

■ 96, 8.502, 157.837

■ 98, 10.531,
169.363

Harmonies

Complementary

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



55, 73.086, 346.122



81, 73.376, 149.788

Rectangle

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



55, 73.086, 346.122



55, 73.086, 36.122



55, 73.086, 166.122



55, 73.086, 216.122

Sweetspot

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



55, 73.082, 346.123



86, 26.817, 340.083



44, 95.318, 309.512



44, 18.038, 340.326



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, 73.082, 346.123



57, 86.231, 349.340



53, 69.478, 23.241



45, 6.298, 339.016



39, 67.088, 352.276



7, 28.947, 347.368

Inverse Universe

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



55, 73.082, 346.123



57, 86.231, 349.340



83, 45.856, 183.394



45, 6.298, 339.016



39, 67.088, 352.276



7, 28.947, 347.368

Previews

White Background



This preview shows how the CIELCh color 55, 73.086, 346.122 looks on a white background.

Color Contrast Check

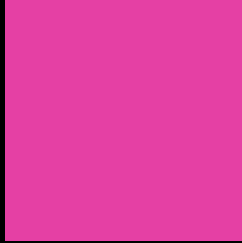
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.086, 346.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

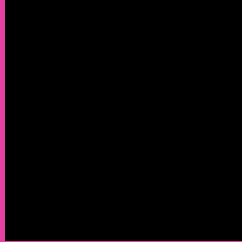
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 73.086, 346.122

Background



This preview shows how black text looks on a background with the CIELCh color 55, 73.086, 346.122.



This preview shows how white text looks on a background with the CIELCh color 55, 73.086, 346.122.

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



Original Color

55, 73.086, 346.122

Protanopia

56, 47.249, 285.521

Deuteranopia

55, 15.103, 298.946



Tritanopia
55, 60.043, 25.571

Trichromacy



Original Color
55, 73.086, 346.122



Protanomaly
52, 52.602, 310.280



Deuteranomaly
53, 38.124, 331.416



Tritanomaly
55, 61.005, 9.036

Monochromacy



Original Color
55, 73.086, 346.122



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 31.104, 341.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 73.086, 346.122 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(229, 64, 164)` looks like.

```
.text, #text, p{  
    color:rgb(229, 64, 164)  
}
```

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(229, 64, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 64, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 73.086, 346.122 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(229, 64, 164) }
```

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

```
.border{ border-color:rgb(229, 64, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 64, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 64, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 64, 164);  
box-shadow:4px 4px 4px 4px rgb(229, 64,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 73.086, 346.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 64, 164) }
```

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

```
.background{ background-color: rgb(229, 64,  
164) }
```

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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