

Converting Colors

CIELCh(55, 67.773, 343.562)

Have a look what the booklet for
CIELCh(55, 67.773, 343.562)
contains.

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Color

CIELCh(55, 67.602, 343.815)

Conversions

Conversions Part 1

Format	Color
Hex	DC4BA6
RGB	220, 75, 166
RGB Percent	86%, 29%, 65%
CMY	0.1381, 0.7067, 0.3498
CMYK	0.00, 0.66, 0.25, 0.14
HSL	322°, 67%, 58%
HSV	322°, 66%, 86%
XYZ	38.8150, 22.9298, 38.3620
YIQ	128.7290, 57.2090, 59.0410

Conversions

Conversions Part 2

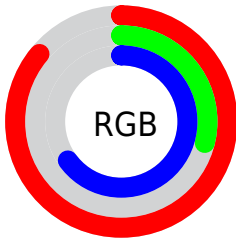
Format	Color
R _{YB}	220, 75, 166
Decimal	14437286
CIE Lab	55.00, 64.92, -18.84
CIE LCh	55, 67.602, 343.815
Yxy	22.9298, 0.3877, 0.2291
Android (android.graphics.Color)	4292627366 (0xFFDC4BA6)
YUV	128.7290, 18.3746, 80.0447
Hunter-Lab	47.8851, 60.8907, -13.9792

Details

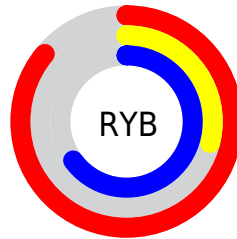
The CIELCh color **55, 67.602, 343.815** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **79, 67.373, 149.997**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 61.970, 337.063**, and **36, 65.916, 344.075** is the 20% darker color. If you saturate the color by 10%, you get **52, 73.764, 345.417**, and if you desaturate by 10%, it is **59, 59.457, 342.476**.

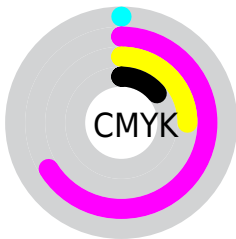
Distribution



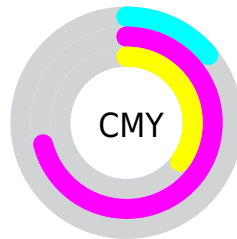
- Red (86%)
- Green (29%)
- Blue (65%)



- Red (86%)
- Yellow (29%)
- Blue (65%)



- Cyan (0%)
- Magenta (66%)
- Yellow (25%)
- Black (14%)





- Cyan (14%)
- Magenta (71%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 67.602, 343.815 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, 67.602, 343.815 by changing the saturation by 10% instead.


 55, 67.602,
343.815


 55, 67.602,
343.815


 100, 67.602,
343.815


 45, 67.602,
343.815


 75, 67.602,
343.815

 35, 67.602,
343.815

 85, 67.602,
343.815

 25, 67.602,
343.815

 95, 67.602,
343.815

 15, 67.602,
343.815

 5, 67.602, 343.815

 0, 67.602, 343.815

55, 67.602,
343.815

55, 67.602,
343.815

52, 73.764,
345.417

59, 59.457,
342.476

50, 77.537,
347.381

63, 49.888,
341.324

49, 78.840,
349.821

68, 39.427,
340.306

48, 78.980,
350.904

73, 28.508,
339.388

79, 17.450,
338.545

84, 6.470, 337.738

90, 4.300, 157.174

96, 14.784,
156.445

■ 97, 14.674,
165.706

Harmonies

Complementary

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



55, 67.602, 343.815



79, 67.373, 149.997

Rectangle

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



55, 67.602, 343.815



55, 67.602, 33.815



55, 67.602, 163.815



55, 67.602, 213.815

Sweetspot

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



55, 67.599, 343.816



87, 24.715, 338.892



45, 84.909, 308.737



45, 16.883, 339.131



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, 67.599, 343.816



59, 84.411, 346.094



53, 61.280, 19.734



43, 6.159, 338.020



38, 66.373, 350.410



6, 26.769, 345.626

Inverse Universe

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



55, 67.599, 343.816



59, 84.411, 346.094



80, 42.774, 182.405



43, 6.159, 338.020



38, 66.373, 350.410



6, 26.769, 345.626

Previews

White Background



This preview shows how the CIELCh color 55, 67.602, 343.815 looks on a white background.

Color Contrast Check

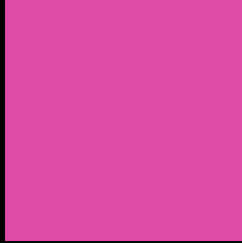
Large Text (above 18pt) WCAG AA ✓ Pass

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, 67.602, 343.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

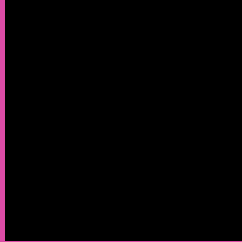
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 67.602, 343.815

Background



This preview shows how black text looks on a background with the CIELCh color 55, 67.602, 343.815.



This preview shows how white text looks on a background with the CIELCh color 55, 67.602, 343.815.

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, 67.602, 343.815

Protanopia

55, 44.364, 285.683

Deuteranopia

55, 16.741, 295.887



Tritanopia
55, 52.804, 23.265

Trichromacy



Original Color
55, 67.602, 343.815



Protanomaly
53, 48.877, 309.272



Deuteranomaly
53, 35.998, 327.782



Tritanomaly
55, 54.524, 6.260

Monochromacy



Original Color
55, 67.602, 343.815



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 27.922, 340.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 67.602, 343.815 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(220, 75, 166)` looks like.

```
.text, #text, p{  
    color:rgb(220, 75, 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(220, 75, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 75, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 67.602, 343.815 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(220, 75, 166) }
```

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

```
.border{ border-color:rgb(220, 75, 166) }
```

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

Here you see how a box with a 4 pixel rgb(220, 75, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 75, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 75, 166);  
box-shadow:4px 4px 4px 4px rgb(220, 75,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 67.602, 343.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 75, 166) }
```

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

```
.background{ background-color: rgb(220, 75,  
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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