

Converting Colors

CIELCh(43, 57.779, 339.008)

Have a look what the booklet for
CIELCh(43, 57.779, 339.008)
contains.

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Color

CIELCh(43, 58.042, 339.033)

Conversions

Conversions Part 1

Format	Color
Hex	A93989
RGB	169, 57, 137
RGB Percent	66%, 22%, 54%
CMY	0.3374, 0.7766, 0.4629
CMYK	0.00, 0.66, 0.19, 0.34
HSL	317°, 50%, 44%
HSV	317°, 66%, 66%
XYZ	22.3271, 13.1578, 25.0154
YIQ	99.6080, 41.0720, 48.6240

Conversions

Conversions Part 2

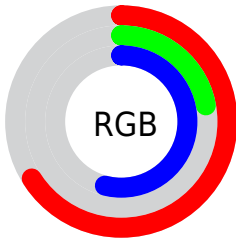
Format	Color
RYB	169, 57, 137
Decimal	11090313
CIELab	43.00, 54.20, -20.77
CIELCh	43, 58.042, 339.033
Yxy	13.1578, 0.3690, 0.2175
Android (android.graphics.Color)	4289280393 (0xFFA93989)
YUV	99.6080, 18.4343, 60.8568
Hunter-Lab	36.2736, 46.3913, -15.4966

Details

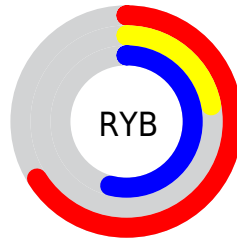
The CIELCh color **43, 58.042, 339.033** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **62, 58.766, 146.811**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 58.085, 338.890**, and **24, 53.492, 339.413** is the 20% darker color. If you saturate the color by 10%, you get **41, 63.403, 340.171**, and if you desaturate by 10%, it is **46, 51.067, 338.034**.

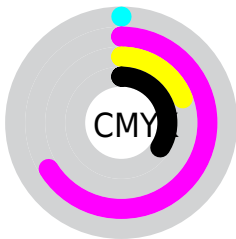
Distribution



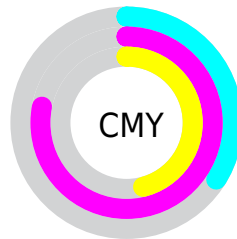
- Red (66%)
- Green (22%)
- Blue (54%)



- Red (66%)
- Yellow (22%)
- Blue (54%)



- Cyan (0%)
- Magenta (66%)
- Yellow (19%)
- Black (34%)





- Cyan (34%)
- Magenta (78%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 58.042, 339.033 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 43, 58.042, 339.033 by changing the saturation by 10% instead.


 43, 58.042,
339.033


 43, 58.042,
339.033


 100, 58.042,
339.033


 33, 58.042,
339.033

 63, 58.042,
339.033


 23, 58.042,
339.033

 73, 58.042,
339.033

 13, 58.042,
339.033

 83, 58.042,
339.033

 3, 58.042, 339.033

 93, 58.042,
339.033

 0, 58.042, 339.033

 43, 58.042,

 43, 58.042,

339.033

339.033

41, 63.403,
340.171

46, 51.067,
338.034

39, 66.813,
341.502

49, 42.920,
337.133

38, 68.213,
343.088

53, 34.020,
336.302

37, 68.532,
343.709

57, 24.715,
335.527

62, 15.265,
334.793

66, 5.851, 334.078

71, 3.412, 153.568

76, 12.456,
152.894

■ 80, 21.246,
152.308

Harmonies

Complementary

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



43, 58.042, 339.033



62, 58.766, 146.811

Rectangle

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



43, 58.042, 339.033



43, 58.042, 29.033



43, 58.042, 159.033



43, 58.042, 209.033

Sweetspot

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



43, 58.039, 339.033



76, 23.222, 335.088



34, 69.090, 306.596



39, 15.832, 335.285



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 58.039, 339.033



52, 79.455, 340.828



41, 48.900, 13.012



33, 5.264, 334.295



33, 62.272, 343.490



2, 9.043, 336.784

Inverse Universe

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



43, 58.039, 339.033



52, 79.455, 340.828



63, 37.458, 174.894



33, 5.264, 334.295



33, 62.272, 343.490



2, 9.043, 336.784

Previews

White Background



This preview shows how the CIELCh color 43, 58.042, 339.033 looks on a white 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

Black Background



This preview shows how the CIE LCh color 43, 58.042, 339.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

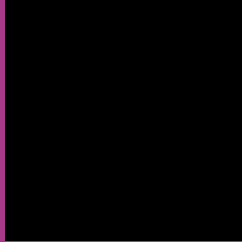
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 58.042, 339.033

Background



This preview shows how black text looks on a background with the CIELCh color 43, 58.042, 339.033.

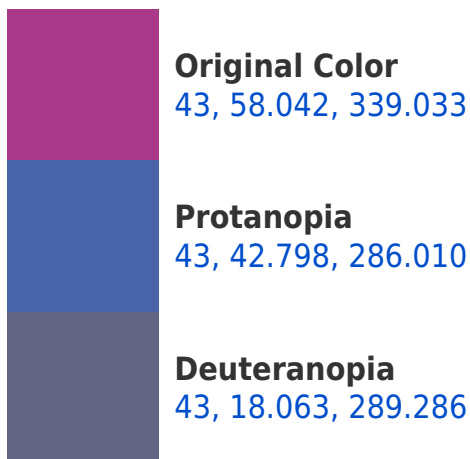


This preview shows how white text looks on a background with the CIELCh color 43, 58.042, 339.033.

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
43, 41.117, 22.204

Trichromacy



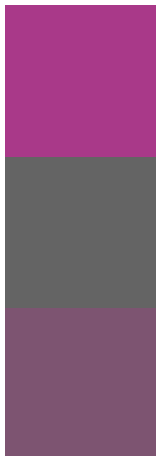
Original Color
43, 58.042, 339.033

Protanomaly
41, 46.081, 305.855

Deuteranomaly
42, 32.916, 320.249

Tritanomaly
43, 43.944, 2.906

Monochromacy



Original Color
43, 58.042, 339.033

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 23.973, 336.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 58.042, 339.033 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(169, 57, 137)` looks like.

```
.text, #text, p{  
    color:rgb(169, 57, 137)  
}
```

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(169, 57, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 57, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 58.042, 339.033 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(169, 57, 137) }
```

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

```
.border{ border-color:rgb(169, 57, 137) }
```

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

Here you see how a box with a 4 pixel rgb(169, 57, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 57, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 57, 137);  
box-shadow:4px 4px 4px 4px rgb(169, 57,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 58.042, 339.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 57, 137) }
```

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

```
.background{ background-color: rgb(169, 57,  
137) }
```

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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