

Converting Colors

CIELCh(38, 38.494, 339.683)

Have a look what the booklet for
CIELCh(38, 38.494, 339.683)
contains.

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Color

CIELCh(38, 38.605, 339.562)

Conversions

Conversions Part 1

Format	Color
Hex	874170
RGB	135, 65, 112
RGB Percent	53%, 25%, 44%
CMY	0.4708, 0.7453, 0.5610
CMYK	0.00, 0.52, 0.17, 0.47
HSL	320°, 35%, 39%
HSV	320°, 52%, 53%
XYZ	14.7898, 10.0881, 16.4796
YIQ	91.2880, 26.6330, 29.4570

Conversions

Conversions Part 2

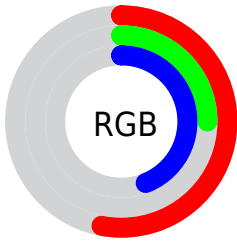
Format	Color
R _Y B	135, 65, 112
Decimal	8864112
CIE Lab	38.00, 36.17, -13.48
CIE LCh	38, 38.605, 339.562
Yxy	10.0881, 0.3576, 0.2439
Android (android.graphics.Color)	4287054192 (0xFF874170)
YUV	91.2880, 10.2110, 38.3354
Hunter-Lab	31.7617, 27.5355, -8.5295

Details

The CIELCh color **38, 38.605, 339.562** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **51, 38.146, 150.642**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 38.999, 339.368**, and **18, 38.612, 339.698** is the 20% darker color. If you saturate the color by 10%, you get **35, 44.842, 340.604**, and if you desaturate by 10%, it is **41, 31.623, 338.630**.

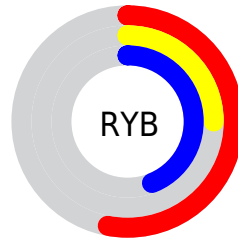
Distribution



Red (53%)

Green (25%)

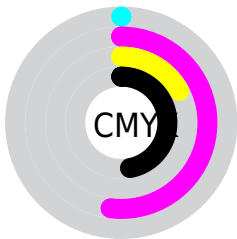
Blue (44%)



Red (53%)

Yellow (25%)

Blue (44%)

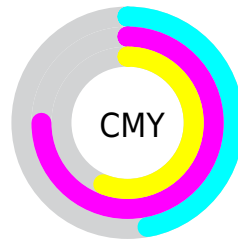


Cyan (0%)

Magenta (52%)

Yellow (17%)

Black (47%)



Cyan (47%)


Magenta (75%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 38.605, 339.562 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 38, 38.605, 339.562 by changing the saturation by 10% instead.


 38, 38.605,
339.562

 38, 38.605,
339.562

 100, 38.605,
339.562


 28, 38.605,
339.562

 58, 38.605,
339.562


 18, 38.605,
339.562


 68, 38.605,
339.562

 8, 38.605, 339.562

 78, 38.605,
339.562

 0, 38.605, 339.562

 88, 38.605,
339.562

 98, 38.605,
339.562

38, 38.605,
339.562

38, 38.605,
339.562

35, 44.842,
340.604

41, 31.623,
338.630

33, 49.990,
341.797

44, 24.208,
337.778

31, 53.720,
343.198

48, 16.596,
336.989

30, 55.816,
344.886

52, 8.956, 336.244

56, 1.403, 335.404

29, 56.810,
346.402

59, 5.995, 154.990

63, 13.199,
154.362

67, 20.190,
153.787

■ 71, 26.965,
153.248

Harmonies

Complementary

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



38, 38.605, 339.562



51, 38.146, 150.642

Rectangle

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



38, 38.605, 339.562



38, 38.605, 29.562



38, 38.605, 159.562



38, 38.605, 209.562

Sweetspot

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



38, 38.603, 339.563



64, 15.040, 336.574



33, 44.511, 306.096



33, 10.244, 336.706



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



38, 38.603, 339.563



46, 55.519, 340.775



37, 31.926, 11.501



26, 4.186, 336.042



28, 55.351, 346.316



0, 0.995, 335.461

Inverse Universe

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



38, 38.603, 339.563



46, 55.519, 340.775



52, 25.375, 179.663



26, 4.186, 336.042



28, 55.351, 346.316



0, 0.995, 335.461

Previews

White Background



This preview shows how the CIELCh color 38, 38.605, 339.562 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 38, 38.605, 339.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

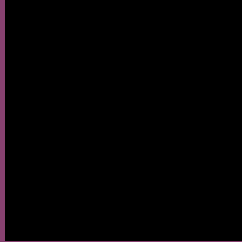
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 38.605, 339.562

Background



This preview shows how black text looks on a background with the CIELCh color 38, 38.605, 339.562.



This preview shows how white text looks on a background with the CIELCh color 38, 38.605, 339.562.

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

38, 38.605, 339.562

Protanopia

38, 25.327, 284.883

Deuteranopia

38, 12.352, 295.710



Tritanopia
38, 26.886, 16.303

Trichromacy



Original Color
38, 38.605, 339.562

Protanomaly
37, 27.462, 308.040

Deuteranomaly
38, 20.675, 322.824

Tritanomaly
38, 29.506, 359.483

Monochromacy



Original Color
38, 38.605, 339.562

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 14.747, 336.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 38.605, 339.562 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(135, 65, 112)` looks like.

```
.text, #text, p{  
    color:rgb(135, 65, 112)  
}
```

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(135, 65, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 65, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 38.605, 339.562 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(135, 65, 112) }
```

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

```
.border{ border-color:rgb(135, 65, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 65, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 65, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 65, 112);  
box-shadow:4px 4px 4px 4px rgb(135, 65,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 38.605, 339.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 65, 112) }
```

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

```
.background{ background-color: rgb(135, 65,  
112) }
```

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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