

Converting Colors

CIELCh(38, 44.845, 11.185)

Have a look what the booklet for
CIELCh(38, 44.845, 11.185) contains.

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Color

CIELCh(38, 44.835, 11.666)

Conversions

Conversions Part 1

Format	Color
Hex	9B364D
RGB	155, 54, 77
RGB Percent	61%, 21%, 30%
CMY	0.3933, 0.7892, 0.6989
CMYK	0.00, 0.65, 0.50, 0.39
HSL	346°, 48%, 41%
HSV	346°, 65%, 61%
XYZ	16.1028, 10.0881, 8.0777
YIQ	86.8210, 52.8130, 28.5650

Conversions

Conversions Part 2

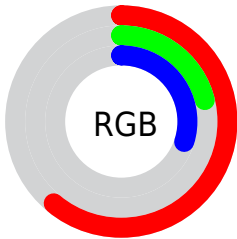
Format	Color
RYB	155, 54, 77
Decimal	10171981
CIELab	38.00, 43.91, 9.07
CIElCh	38, 44.835, 11.666
Yxy	10.0881, 0.4699, 0.2944
Android (android.graphics.Color)	4288362061 (0xFF9B364D)
YUV	86.8210, -4.8418, 59.7930
Hunter-Lab	31.7617, 34.9147, 7.1544

Details

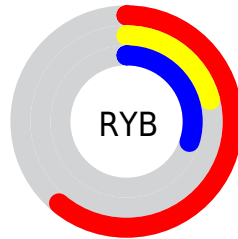
The CIELCh color **38, 44.835, 11.666** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **58, 34.917, 174.147**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 44.867, 11.263**, and **19, 42.646, 14.400** is the 20% darker color. If you saturate the color by 10%, you get **35, 50.868, 15.020**, and if you desaturate by 10%, it is **41, 38.144, 9.008**.

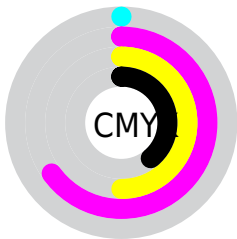
Distribution



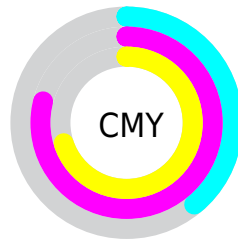
- Red (61%)
- Green (21%)
- Blue (30%)



- Red (61%)
- Yellow (21%)
- Blue (30%)



- Cyan (0%)
- Magenta (65%)
- Yellow (50%)
- Black (39%)



- Cyan (39%)
- Magenta (79%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 44.835, 11.666 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, 44.835, 11.666 by changing the saturation by 10% instead.

■ 38, 44.835, 11.666

■ 38, 44.835, 11.666

■ 100, 44.835,
11.666

■ 28, 44.835, 11.666

■ 58, 44.835, 11.666

■ 18, 44.835, 11.666

■ 68, 44.835, 11.666

■ 8, 44.835, 11.666

■ 78, 44.835, 11.666

■ 0, 44.835, 11.666

■ 88, 44.835, 11.666

■ 98, 44.835, 11.666

■ 38, 44.835, 11.666

■ 38, 44.835, 11.666

■ 35, 50.868, 15.020

■ 41, 38.144, 9.008

34, 56.051, 19.185

45, 31.080, 6.888

32, 60.393, 24.131

49, 23.904, 5.175

32, 62.451, 26.428

53, 16.812, 3.763

57, 9.936, 2.571

62, 3.345, 1.487

66, 2.930, 180.886

71, 8.887, 180.030

75, 14.537,
179.336

Harmonies

Complementary

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



38, 44.835, 11.666



58, 34.917, 174.147

Rectangle

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



38, 44.835, 11.666



38, 44.835, 61.666



38, 44.835, 191.666



38, 44.835, 241.666

Sweetspot

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



38, 44.833, 11.668



70, 16.334, 3.160



37, 63.483, 320.240



36, 11.296, 3.479



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



38, 44.833, 11.668



45, 64.682, 16.696



43, 40.891, 46.036



30, 3.594, 1.919



29, 57.902, 25.894



1, 3.797, 1.419

Inverse Universe

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



38, 44.833, 11.668



45, 64.682, 16.696



50, 25.573, 236.162



30, 3.594, 1.919



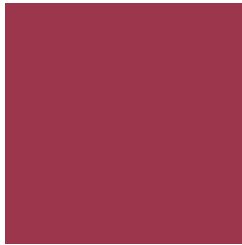
29, 57.902, 25.894



1, 3.797, 1.419

Previews

White Background



This preview shows how the CIELCh color 38, 44.835, 11.666 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 CIELCh color 38, 44.835, 11.666 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, 44.835, 11.666

Background



This preview shows how black text looks on a background with the CIELCh color 38, 44.835, 11.666.



This preview shows how white text looks on a background with the CIELCh color 38, 44.835, 11.666.

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, 44.835, 11.666

Protanopia

38, 3.688, 290.768

Deuteranopia

38, 12.480, 66.914



Tritanopia
38, 45.274, 25.793

Trichromacy



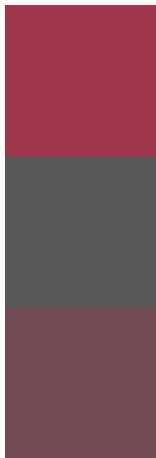
Original Color
38, 44.835, 11.666

Protanomaly
37, 17.576, 357.686

Deuteranomaly
37, 22.239, 24.435

Tritanomaly
38, 44.611, 20.837

Monochromacy



Original Color
38, 44.835, 11.666

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 17.045, 5.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 44.835, 11.666 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(155, 54, 77)` looks like.

```
.text, #text, p{  
    color:rgb(155, 54, 77)  
}
```

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(155, 54, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 54, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 44.835, 11.666 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(155, 54, 77) }
```

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

```
.border{ border-color:rgb(155, 54, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 54, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 54, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 54, 77);  
box-shadow:4px 4px 4px 4px rgb(155, 54,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 44.835, 11.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 54, 77) }
```

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

```
.background{ background-color: rgb(155, 54,  
77) }
```

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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