

Converting Colors

CIELCh(38, 38.507, 7.761)

Have a look what the booklet for
CIELCh(38, 38.507, 7.761) contains.

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Color

CIELCh(38, 38.374, 7.298)

Conversions

Conversions Part 1

Format	Color
Hex	923D53
RGB	146, 61, 83
RGB Percent	57%, 24%, 33%
CMY	0.4272, 0.7605, 0.6743
CMYK	0.00, 0.58, 0.43, 0.43
HSL	344°, 41%, 41%
HSV	344°, 58%, 57%
XYZ	15.1035, 10.0881, 9.3476
YIQ	88.9230, 43.5980, 24.8620

Conversions

Conversions Part 2

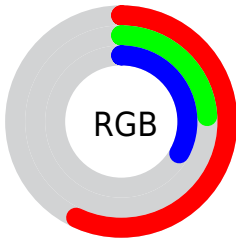
Format	Color
R_{YB}	146, 61, 83
Decimal	9583955
CIE Lab	38.00, 38.06, 4.87
CIE LCh	38, 38.374, 7.298
Yxy	10.0881, 0.4373, 0.2921
Android (android.graphics.Color)	4287774035 (0xFF923D53)
YUV	88.9230, -2.9200, 50.0565
Hunter-Lab	31.7617, 29.2986, 4.7838

Details

The CIELCh color **38, 38.374, 7.298** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **55, 31.461, 172.705**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 38.383, 7.599**, and **18, 38.155, 7.670** is the 20% darker color. If you saturate the color by 10%, you get **35, 44.469, 10.046**, and if you desaturate by 10%, it is **41, 31.786, 5.110**.

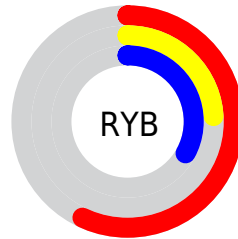
Distribution



Red (57%)

Green (24%)

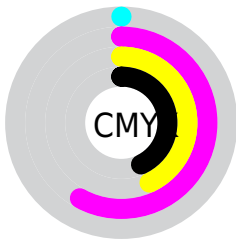
Blue (33%)



Red (57%)

Yellow (24%)

Blue (33%)

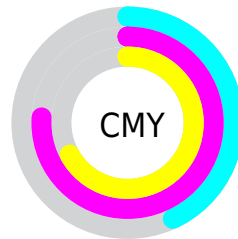


Cyan (0%)

Magenta (58%)

Yellow (43%)

Black (43%)



Cyan (43%)

Magenta (76%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 38.374, 7.298 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, 38.374, 7.298 by changing the saturation by 10% instead.

 38, 38.374, 7.298  38, 38.374, 7.298

 100, 38.374, 7.298  28, 38.374, 7.298

 58, 38.374, 7.298  18, 38.374, 7.298

 68, 38.374, 7.298  8, 38.374, 7.298

 78, 38.374, 7.298  0, 38.374, 7.298

 88, 38.374, 7.298

 98, 38.374, 7.298

 38, 38.374, 7.298  38, 38.374, 7.298

 35, 44.469, 10.046  41, 31.786, 5.110

 33, 49.812, 13.503  45, 24.980, 3.339

■ 31, 54.244, 17.792

■ 49, 18.170, 1.878

■ 30, 58.000, 22.720

■ 53, 11.503, 0.646

■ 30, 58.718, 23.567

■ 57, 5.069, 359.560

■ 61, 1.089, 179.090

■ 66, 6.957, 177.992

■ 70, 12.540,
177.258

■ 74, 17.852,
176.611

Harmonies

Complementary

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



38, 38.374, 7.298



55, 31.461, 172.705

Rectangle

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



38, 38.374, 7.298



38, 38.374, 57.298



38, 38.374, 187.298



38, 38.374, 237.298

Sweetspot

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



38, 38.372, 7.300



68, 13.223, 0.549



37, 54.697, 319.051



34, 8.848, 0.748



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



38, 38.372, 7.300



45, 55.903, 11.075



42, 34.463, 43.024



29, 3.539, 359.669



28, 56.131, 23.230



1, 3.035, 358.881

Inverse Universe

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



38, 38.372, 7.300



45, 55.903, 11.075



50, 22.506, 229.111



29, 3.539, 359.669



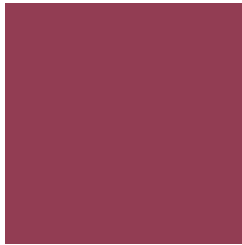
28, 56.131, 23.230



1, 3.035, 358.881

Previews

White Background



This preview shows how the CIE LCh color 38, 38.374, 7.298 looks on a white background.

Color Contrast Check

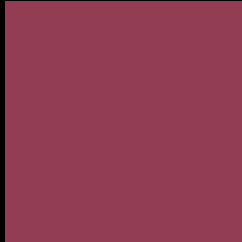
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.374, 7.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

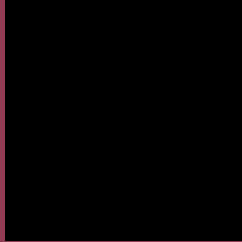
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 38.374, 7.298

Background



This preview shows how black text looks on a background with the CIELCh color 38, 38.374, 7.298.



This preview shows how white text looks on a background with the CIELCh color 38, 38.374, 7.298.

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, 38.374, 7.298

Protanopia

38, 5.537, 286.859

Deuteranopia

38, 8.746, 53.998



Tritanopia
38, 37.484, 22.562

Trichromacy



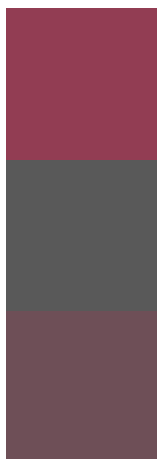
Original Color
38, 38.374, 7.298

Protanomaly
37, 15.727, 348.899

Deuteranomaly
38, 18.567, 18.576

Tritanomaly
38, 37.313, 17.343

Monochromacy



Original Color
38, 38.374, 7.298

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 14.371, 1.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 38.374, 7.298 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(146, 61, 83)` looks like.

```
.text, #text, p{  
    color:rgb(146, 61, 83)  
}
```

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(146, 61, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 61, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 38.374, 7.298 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(146, 61, 83) }
```

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

```
.border{ border-color:rgb(146, 61, 83) }
```

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

Here you see how a box with a 4 pixel rgb(146, 61, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 61, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 61, 83);  
box-shadow:4px 4px 4px 4px rgb(146, 61,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 38.374, 7.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 61, 83) }
```

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

```
.background{ background-color: rgb(146, 61,  
83) }
```

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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