

Converting Colors

CIELCh(38, 40.673, 348.737)

Have a look what the booklet for
CIELCh(38, 40.673, 348.737)
contains.

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Color

CIELCh(38, 40.827, 348.897)

Conversions

Conversions Part 1

Format	Color
Hex	8F3C67
RGB	143, 60, 103
RGB Percent	56%, 24%, 40%
CMY	0.4385, 0.7640, 0.5954
CMYK	0.00, 0.58, 0.28, 0.44
HSL	329°, 41%, 40%
HSV	329°, 58%, 56%
XYZ	15.4406, 10.0881, 14.0085
YIQ	89.7190, 35.6650, 30.9690

Conversions

Conversions Part 2

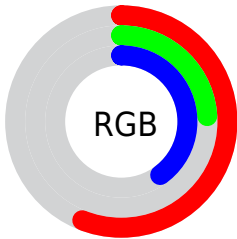
Format	Color
R_{YB}	143, 60, 103
Decimal	9387111
CIE _{Lab}	38.00, 40.06, -7.86
CIE _{LCh}	38, 40.827, 348.897
Yxy	10.0881, 0.3905, 0.2552
Android (android.graphics.Color)	4287577191 (0xFF8F3C67)
YUV	89.7190, 6.5475, 46.7274
Hunter-Lab	31.7617, 31.1928, -3.9166

Details

The CIELCh color $[38, 40.827, 348.897]$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $[54, 38.896, 156.551]$, and the grayscale version is $[38, 0.005, 296.813]$.

A 20% lighter version of the original color is $[58, 40.908, 348.854]$, and $[18, 40.927, 349.250]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 46.390, 350.642]$, and if you desaturate by 10%, it is $[41, 34.384, 347.447]$.

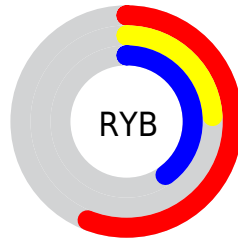
Distribution



Red (56%)

Green (24%)

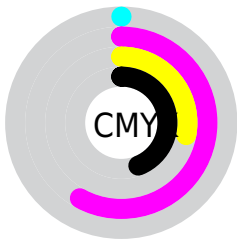
Blue (40%)



Red (56%)

Yellow (24%)

Blue (40%)

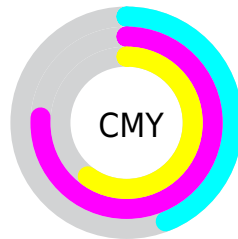


Cyan (0%)

Magenta (58%)

Yellow (28%)

Black (44%)



Cyan (44%)


Magenta (76%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 40.827, 348.897 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, 40.827, 348.897 by changing the saturation by 10% instead.


 38, 40.827,
348.897


 38, 40.827,
348.897

 100, 40.827,
348.897


 28, 40.827,
348.897

 58, 40.827,
348.897

 18, 40.827,
348.897


 68, 40.827,
348.897

 8, 40.827, 348.897

 78, 40.827,
348.897

 0, 40.827, 348.897

 88, 40.827,
348.897

 98, 40.827,
348.897

■ 38, 40.827,
348.897

■ 38, 40.827,
348.897

■ 35, 46.390,
350.642

■ 41, 34.384,
347.447

■ 33, 50.731,
352.789

■ 45, 27.407,
346.210

■ 32, 53.587,
355.475

■ 48, 20.170,
345.130

■ 30, 55.137,
358.737

■ 52, 12.873,
344.166

■ 30, 55.449,
359.404

■ 56, 5.653, 343.276

■ 60, 1.410, 162.770

■ 64, 8.269, 161.869

■ 69, 14.904,
161.191

■ 73, 21.311,
160.572

Harmonies

Complementary

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



38, 40.827, 348.897



54, 38.896, 156.551

Rectangle

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



38, 40.827, 348.897



38, 40.827, 38.897



38, 40.827, 168.897



38, 40.827, 218.897

Sweetspot

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



38, 40.825, 348.898



67, 15.074, 344.110



34, 52.716, 310.933



34, 10.178, 344.272



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, 40.825, 348.898



45, 58.313, 351.340



37, 38.862, 24.212



28, 3.999, 343.382



28, 53.203, 359.172



1, 2.673, 342.696

Inverse Universe

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



38, 40.825, 348.898



45, 58.313, 351.340



55, 26.293, 193.420



28, 3.999, 343.382



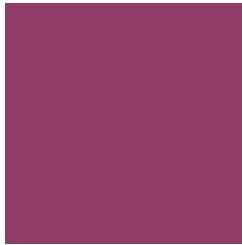
28, 53.203, 359.172



1, 2.673, 342.696

Previews

White Background



This preview shows how the CIELCh color 38, 40.827, 348.897 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, 40.827, 348.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

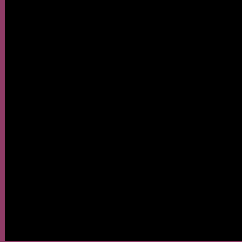
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 40.827, 348.897

Background



This preview shows how black text looks on a background with the CIELCh color 38, 40.827, 348.897.



This preview shows how white text looks on a background with the CIELCh color 38, 40.827, 348.897.

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, 40.827, 348.897

Protanopia
38, 21.015, 284.743

Deuteranopia
38, 7.385, 314.104



Tritanopia
38, 33.564, 20.277

Trichromacy



Original Color
38, 40.827, 348.897

Protanomaly
37, 24.688, 315.394

Deuteranomaly
38, 20.148, 338.308

Tritanomaly
38, 34.498, 7.922

Monochromacy



Original Color
38, 40.827, 348.897

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 16.012, 344.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 40.827, 348.897 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(143, 60, 103)` looks like.

```
.text, #text, p{  
    color:rgb(143, 60, 103)  
}
```

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(143, 60, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 60, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 40.827, 348.897 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(143, 60, 103) }
```

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

```
.border{ border-color:rgb(143, 60, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 60, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 60, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 60, 103);  
box-shadow:4px 4px 4px 4px rgb(143, 60,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 40.827, 348.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 60, 103) }
```

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

```
.background{ background-color: rgb(143, 60,  
103) }
```

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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