

Converting Colors

CIELCh(38, 50.734, 349.787)

Have a look what the booklet for
CIELCh(38, 50.734, 349.787)
contains.

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Color

CIELCh(38, 50.734, 349.787)

Conversions

Conversions Part 1

Format	Color
Hex	9B2F69
RGB	155, 47, 105
RGB Percent	61%, 18%, 41%
CMY	0.3908, 0.8143, 0.5871
CMYK	0.00, 0.70, 0.32, 0.39
HSL	328°, 53%, 40%
HSV	328°, 70%, 61%
XYZ	17.1773, 10.0881, 14.4855
YIQ	85.9040, 45.7500, 40.9340

Conversions

Conversions Part 2

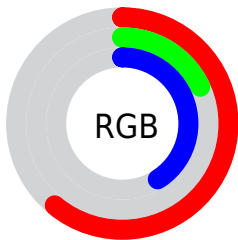
Format	Color
R_{YB}	155, 47, 105
Decimal	10170217
CIE _{Lab}	38.00, 49.93, -9.00
CIE _{LCh}	38, 50.734, 349.787
Yxy	10.0881, 0.4114, 0.2416
Android (android.graphics.Color)	4288360297 (0xFF9B2F69)
YUV	85.9040, 9.4143, 60.5972
Hunter-Lab	31.7617, 40.9529, -4.8072

Details

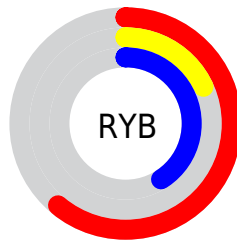
The CIELCh color **38, 50.734, 349.787** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **57, 49.170, 153.728**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 50.899, 349.984**, and **20, 44.051, 352.578** is the 20% darker color. If you saturate the color by 10%, you get **36, 55.045, 351.936**, and if you desaturate by 10%, it is **41, 45.004, 348.045**.

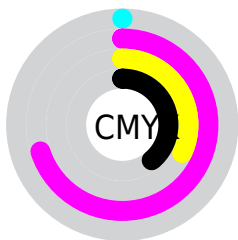
Distribution



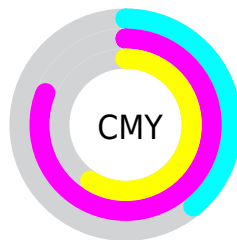
- Red (61%)
- Green (18%)
- Blue (41%)



- Red (61%)
- Yellow (18%)
- Blue (41%)



- Cyan (0%)
- Magenta (70%)
- Yellow (32%)
- Black (39%)




- Cyan (39%)
- Magenta (81%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 50.734, 349.787 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, 50.734, 349.787 by changing the saturation by 10% instead.

 38, 50.734,
349.787

 38, 50.734,
349.787

 100, 50.734,
349.787


 28, 50.734,
349.787

 58, 50.734,
349.787

 18, 50.734,
349.787


 68, 50.734,
349.787

 8, 50.734, 349.787

 78, 50.734,
349.787

 0, 50.734, 349.787

 88, 50.734,
349.787

 98, 50.734,
349.787

■ 38, 50.734,
349.787

■ 38, 50.734,
349.787

■ 36, 55.045,
351.936

■ 41, 45.004,
348.045

■ 34, 57.693,
354.626

■ 44, 38.236,
346.597

■ 33, 59.026,
357.848

■ 48, 30.806,
345.362

■ 33, 59.091,
358.003

■ 52, 23.031,
344.283

■ 56, 15.149,
343.321

■ 60, 7.320, 342.437

■ 64, 0.357, 162.609

■ 69, 7.824, 161.018

■ 73, 15.055,
160.333

Harmonies

Complementary

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



38, 50.734, 349.787



57, 49.170, 153.728

Rectangle

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



38, 50.734, 349.787



38, 50.734, 39.787



38, 50.734, 169.787



38, 50.734, 219.787

Sweetspot

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



38, 50.731, 349.788



70, 20.168, 343.495



32, 67.167, 311.019



36, 13.781, 343.736



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, 50.731, 349.788



46, 68.631, 353.226



37, 50.279, 26.446



30, 4.290, 342.410



30, 54.907, 357.633



1, 4.561, 342.190

Inverse Universe

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



38, 50.731, 349.788



46, 68.631, 353.226



58, 31.613, 190.974



30, 4.290, 342.410



30, 54.907, 357.633



1, 4.561, 342.190

Previews

White Background



This preview shows how the CIELCh color 38, 50.734, 349.787 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, 50.734, 349.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

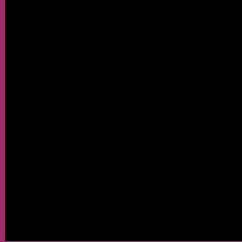
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 50.734, 349.787

Background



This preview shows how black text looks on a background with the CIELCh color 38, 50.734, 349.787.



This preview shows how white text looks on a background with the CIELCh color 38, 50.734, 349.787.

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, 50.734, 349.787

Protanopia

38, 27.790, 284.930

Deuteranopia

38, 7.951, 312.390



Tritanopia
38, 43.358, 25.189

Trichromacy



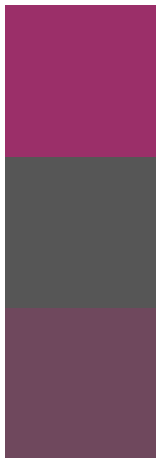
Original Color
38, 50.734, 349.787

Protanomaly
37, 32.847, 314.207

Deuteranomaly
37, 25.154, 338.784

Tritanomaly
38, 43.642, 10.776

Monochromacy



Original Color
38, 50.734, 349.787

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 20.847, 344.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 50.734, 349.787 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, 47, 105)` looks like.

```
.text, #text, p{  
    color:rgb(155, 47, 105)  
}
```

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, 47, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 47, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 50.734, 349.787 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, 47, 105) }
```

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

```
.border{ border-color:rgb(155, 47, 105) }
```

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

Here you see how a box with a 4 pixel rgb(155, 47, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 47, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 47, 105);  
box-shadow:4px 4px 4px 4px rgb(155, 47,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 50.734, 349.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 47, 105) }
```

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

```
.background{ background-color: rgb(155, 47,  
105) }
```

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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