

Converting Colors

CIELCh(38, 34.183, 344.886)

Have a look what the booklet for
CIELCh(38, 34.183, 344.886)
contains.

CIELCh(38, 34.545, 344.294)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(38, 34.545, 344.294)

Conversions

Conversions Part 1

Format	Color
Hex	854369
RGB	133, 67, 105
RGB Percent	52%, 26%, 41%
CMY	0.4772, 0.7361, 0.5871
CMYK	0.00, 0.50, 0.21, 0.48
HSL	325°, 33%, 39%
HSV	325°, 50%, 52%
XYZ	14.3133, 10.0881, 14.6375
YIQ	91.0660, 27.1380, 25.8100

Conversions

Conversions Part 2

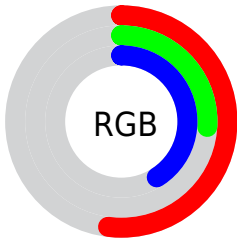
Format	Color
R_{YB}	133, 67, 105
Decimal	8733545
CIE Lab	38.00, 33.26, -9.35
CIE LCh	38, 34.545, 344.294
Yxy	10.0881, 0.3666, 0.2584
Android (android.graphics.Color)	4286923625 (0xFF854369)
YUV	91.0660, 6.8695, 36.7761
Hunter-Lab	31.7617, 24.8577, -5.0909

Details

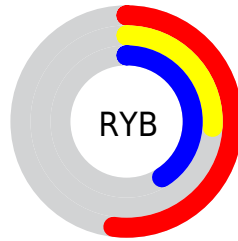
The CIELCh color **38, 34.545, 344.294** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **51, 33.465, 155.020**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 34.674, 344.522**, and **18, 34.538, 344.078** is the 20% darker color. If you saturate the color by 10%, you get **35, 40.652, 345.583**, and if you desaturate by 10%, it is **41, 27.846, 343.178**.

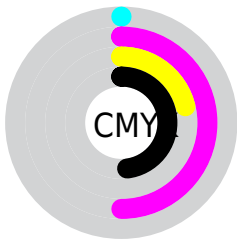
Distribution



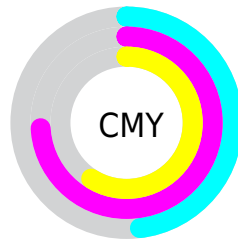
- Red (52%)
- Green (26%)
- Blue (41%)



- Red (52%)
- Yellow (26%)
- Blue (41%)



- Cyan (0%)
- Magenta (50%)
- Yellow (21%)
- Black (48%)



- Cyan (48%)
- Magenta (74%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 34.545, 344.294 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, 34.545, 344.294 by changing the saturation by 10% instead.

 38, 34.545,
344.294

 38, 34.545,
344.294

 100, 34.545,
344.294


 28, 34.545,
344.294

 58, 34.545,
344.294

 18, 34.545,
344.294

 68, 34.545,
344.294

 8, 34.545, 344.294

 78, 34.545,
344.294

 0, 34.545, 344.294

 88, 34.545,
344.294

 98, 34.545,
344.294

■ 38, 34.545,
344.294

■ 38, 34.545,
344.294

■ 35, 40.652,
345.583

■ 41, 27.846,
343.178

■ 33, 45.845,
347.108

■ 45, 20.836,
342.188

■ 31, 49.791,
348.957

■ 48, 13.719,
341.294

■ 29, 52.249,
351.245

■ 52, 6.636, 340.463

■ 28, 53.617,
353.917


■ 56, 0.324, 160.632

■ 28, 53.686,
354.043

■ 60, 7.107, 159.113

■ 64, 13.687,
158.455

■ 68, 20.057,
157.853

 72, 26.216,
157.294

Harmonies

Complementary

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



38, 34.545, 344.294



51, 33.465, 155.020

Rectangle

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



38, 34.545, 344.294



38, 34.545, 34.294



38, 34.545, 164.294



38, 34.545, 214.294

Sweetspot

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



38, 34.543, 344.295



64, 13.025, 340.941



34, 42.205, 308.919



32, 8.861, 341.090



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



38, 34.543, 344.295



46, 49.834, 345.696



37, 30.357, 18.571



26, 3.911, 340.430



27, 52.752, 353.957



0, 0.928, 339.790

Inverse Universe

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



38, 34.543, 344.295



46, 49.834, 345.696



51, 22.728, 188.955



26, 3.911, 340.430



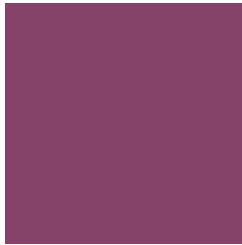
27, 52.752, 353.957



0, 0.928, 339.790

Previews

White Background



This preview shows how the CIELCh color 38, 34.545, 344.294 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, 34.545, 344.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

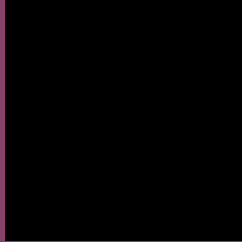
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 34.545, 344.294

Background



This preview shows how black text looks on a background with the CIELCh color 38, 34.545, 344.294.



This preview shows how white text looks on a background with the CIELCh color 38, 34.545, 344.294.

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, 34.545, 344.294

Protanopia

38, 19.171, 284.536

Deuteranopia

38, 8.880, 304.635



Tritanopia
38, 26.431, 17.336

Trichromacy



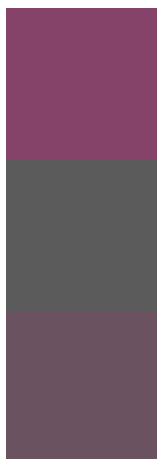
Original Color
38, 34.545, 344.294

Protanomaly
38, 22.303, 312.371

Deuteranomaly
38, 18.203, 331.309

Tritanomaly
38, 28.138, 3.173

Monochromacy



Original Color
38, 34.545, 344.294

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 13.270, 341.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 34.545, 344.294 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(133, 67, 105)` looks like.

```
.text, #text, p{  
    color:rgb(133, 67, 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(133, 67, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 67, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 34.545, 344.294 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(133, 67, 105) }
```

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

```
.border{ border-color:rgb(133, 67, 105) }
```

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

Here you see how a box with a 4 pixel rgb(133, 67, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 67, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 67, 105);  
box-shadow:4px 4px 4px 4px rgb(133, 67,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 34.545, 344.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 67, 105) }
```

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

```
.background{ background-color: rgb(133, 67,  
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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