

Converting Colors

CIELCh(38, 34.337, 348.841)

Have a look what the booklet for
CIELCh(38, 34.337, 348.841)
contains.

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Color

CIELCh(38, 33.985, 348.820)

Conversions

Conversions Part 1

Format	Color
Hex	874365
RGB	135, 67, 101
RGB Percent	53%, 26%, 40%
CMY	0.4709, 0.7375, 0.6042
CMYK	0.00, 0.50, 0.25, 0.47
HSL	330°, 34%, 40%
HSV	330°, 50%, 53%
XYZ	14.3270, 10.0881, 13.4854
YIQ	91.2080, 29.6140, 24.9900

Conversions

Conversions Part 2

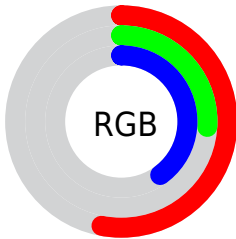
Format	Color
R_{YB}	135, 67, 101
Decimal	8864613
CIE _{Lab}	38.00, 33.34, -6.59
CIE _{LCh}	38, 33.985, 348.820
Yxy	10.0881, 0.3780, 0.2662
Android (android.graphics.Color)	4287054693 (0xFF874365)
YUV	91.2080, 4.8275, 38.4056
Hunter-Lab	31.7617, 24.9347, -2.9401

Details

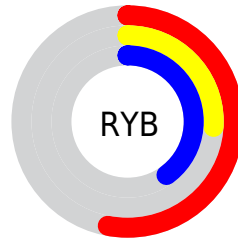
The CIELCh color **38, 33.985, 348.820** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **51, 32.215, 158.561**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 34.162, 348.620**, and **18, 33.850, 349.327** is the 20% darker color. If you saturate the color by 10%, you get **35, 39.944, 350.378**, and if you desaturate by 10%, it is **41, 27.466, 347.506**.

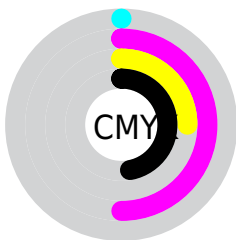
Distribution



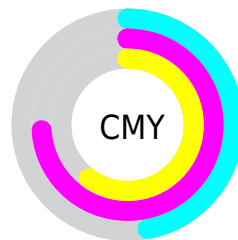
- Red (53%)
- Green (26%)
- Blue (40%)



- Red (53%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (50%)
- Yellow (25%)
- Black (47%)





- Cyan (47%)
- Magenta (74%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 33.985, 348.820 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, 33.985, 348.820 by changing the saturation by 10% instead.


 38, 33.985,
348.820


 38, 33.985,
348.820

 100, 33.985,
348.820


 28, 33.985,
348.820

 58, 33.985,
348.820


 18, 33.985,
348.820


 68, 33.985,
348.820

 8, 33.985, 348.820

 78, 33.985,
348.820

 0, 33.985, 348.820

 88, 33.985,
348.820

 98, 33.985,
348.820

38, 33.985,
348.820

38, 33.985,
348.820

35, 39.944,
350.378

41, 27.466,
347.506

33, 45.026,
352.266

45, 20.664,
346.368

31, 48.911,
354.605

48, 13.780,
345.362

29, 51.391,
357.541

52, 6.952, 344.446


28, 52.930, 0.795

56, 0.264, 342.530

60, 6.235, 162.991

64, 12.523,
162.287

68, 18.593,
161.652

 72, 24.450,
161.065

Harmonies

Complementary

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



38, 33.985, 348.820



51, 32.215, 158.561

Rectangle

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



38, 33.985, 348.820



38, 33.985, 38.820



38, 33.985, 168.820



38, 33.985, 218.820

Sweetspot

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



38, 33.983, 348.821



65, 12.531, 344.891



35, 43.607, 311.023



33, 8.632, 345.059



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



38, 33.983, 348.821



46, 49.169, 350.542



37, 31.776, 23.670



26, 3.714, 344.332



27, 51.559, 0.633



0, 0.880, 343.645

Inverse Universe

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



38, 33.983, 348.821



46, 49.169, 350.542



52, 22.550, 195.500



26, 3.714, 344.332



27, 51.559, 0.633



0, 0.880, 343.645

Previews

White Background



This preview shows how the CIE LCh color 38, 33.985, 348.820 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, 33.985, 348.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

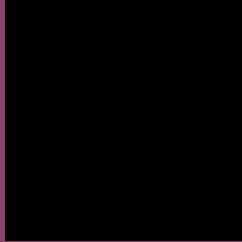
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 33.985, 348.820

Background



This preview shows how black text looks on a background with the CIELCh color 38, 33.985, 348.820.



This preview shows how white text looks on a background with the CIELCh color 38, 33.985, 348.820.

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, 33.985, 348.820

Protanopia

38, 16.678, 285.159

Deuteranopia

38, 7.570, 317.018



Tritanopia
38, 27.844, 17.959

Trichromacy



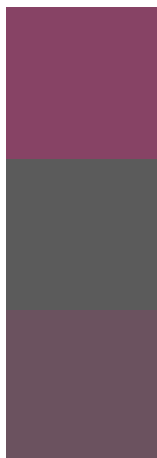
Original Color
38, 33.985, 348.820

Protanomaly
38, 20.326, 316.824

Deuteranomaly
38, 17.072, 339.103

Tritanomaly
38, 29.299, 5.605

Monochromacy



Original Color
38, 33.985, 348.820

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 13.244, 344.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 33.985, 348.820 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(135, 67, 101)` looks like.

```
.text, #text, p{  
    color:rgb(135, 67, 101)  
}
```

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(135, 67, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 67, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 33.985, 348.820 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(135, 67, 101) }
```

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

```
.border{ border-color:rgb(135, 67, 101) }
```

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

Here you see how a box with a 4 pixel rgb(135, 67, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 67, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 67, 101);  
box-shadow:4px 4px 4px 4px rgb(135, 67,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 33.985, 348.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 67, 101) }
```

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

```
.background{ background-color: rgb(135, 67,  
101) }
```

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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