

Converting Colors

CIELCh(39, 31.700, 344.065)

Have a look what the booklet for
CIELCh(39, 31.700, 344.065)
contains.

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Color

CIELCh(39, 32.048, 343.965)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 85486B |
| RGB | 133, 72, 107 |
| RGB Percent | 52%, 28%, 42% |
| CMY | 0.4789, 0.7180, 0.5808 |
| CMYK | 0.00, 0.46, 0.20, 0.48 |
| HSL | 326°, 30%, 40% |
| HSV | 326°, 46%, 52% |
| XYZ | 14.6151, 10.6589, 15.1689 |
| YIQ | 94.2290, 25.1210, 23.8170 |

Conversions

Conversions Part 2

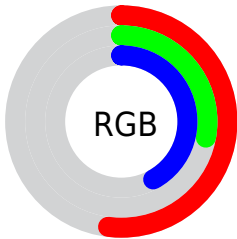
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 133, 72, 107 |
| Decimal | 8734827 |
| CIE Lab | 39.00, 30.80, -8.85 |
| CIE LCh | 39, 32.048, 343.965 |
| Yxy | 10.6589, 0.3614, 0.2636 |
| Android (android.graphics.Color) | 4286924907 (0xFF85486B) |
| YUV | 94.2290, 6.2961, 34.0022 |
| Hunter-Lab | 32.6480, 22.7725, -4.6937 |

Details

The CIELCh color **39, 32.048, 343.965** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **51, 31.047, 155.560**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 32.183, 344.438**, and **19, 32.184, 343.289** is the 20% darker color. If you saturate the color by 10%, you get **36, 38.384, 345.190**, and if you desaturate by 10%, it is **42, 25.231, 342.896**.

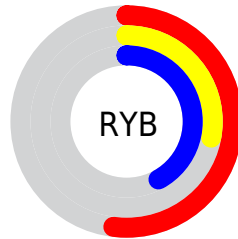
Distribution



Red (52%)

Green (28%)

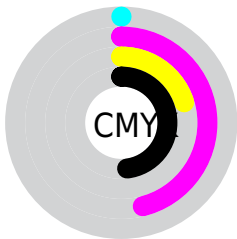
Blue (42%)



Red (52%)

Yellow (28%)

Blue (42%)

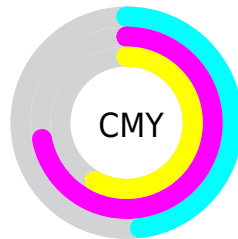


Cyan (0%)

Magenta (46%)

Yellow (20%)

Black (48%)



Cyan (48%)


Magenta (72%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 32.048, 343.965 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 39, 32.048, 343.965 by changing the saturation by 10% instead.


 39, 32.048,
343.965


 39, 32.048,
343.965

 100, 32.048,
343.965


 29, 32.048,
343.965

 59, 32.048,
343.965


 19, 32.048,
343.965


 69, 32.048,
343.965

 9, 32.048, 343.965

 79, 32.048,
343.965

 0, 32.048, 343.965

 89, 32.048,
343.965

 99, 32.048,
343.965

■ 39, 32.048,
343.965

■ 39, 32.048,
343.965

■ 36, 38.384,
345.190

■ 42, 25.231,
342.896

■ 33, 43.934,
346.625

■ 46, 18.187,
341.942

■ 31, 48.357,
348.352

■ 49, 11.095,
341.073

■ 30, 51.368,
350.477

■ 53, 4.076, 340.245

■ 29, 52.952,
353.080

■ 57, 2.797, 159.691

■ 28, 53.527,
354.181

■ 61, 9.482, 158.950

■ 65, 15.961,
158.314

■ 69, 22.228,
157.728

■ 73, 28.288,
157.182

Harmonies

Complementary

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



39, 32.048, 343.965



51, 31.047, 155.560

Rectangle

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



39, 32.048, 343.965



39, 32.048, 33.965



39, 32.048, 163.965



39, 32.048, 213.965

Sweetspot

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



39, 32.046, 343.966



64, 12.131, 340.942



36, 38.886, 308.686



32, 8.352, 341.097



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



39, 32.046, 343.966



47, 46.903, 345.238



38, 27.838, 17.860



26, 3.906, 340.516



27, 52.715, 354.105



0, 0.927, 339.875

Inverse Universe

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



39, 32.046, 343.966



47, 46.903, 345.238



51, 21.344, 189.226



26, 3.906, 340.516



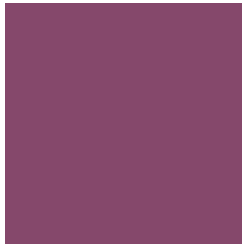
27, 52.715, 354.105



0, 0.927, 339.875

Previews

White Background



This preview shows how the CIE LCh color 39, 32.048, 343.965 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 39, 32.048, 343.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

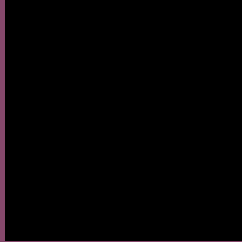
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 32.048, 343.965

Background



This preview shows how black text looks on a background with the CIELCh color 39, 32.048, 343.965.



This preview shows how white text looks on a background with the CIELCh color 39, 32.048, 343.965.

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

39, 32.048, 343.965

Protanopia

39, 17.822, 285.854

Deuteranopia

39, 8.949, 307.154



Tritanopia
39, 23.963, 16.108

Trichromacy



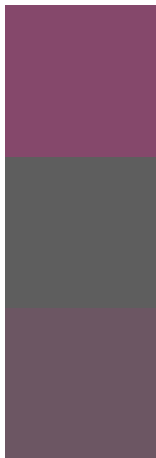
Original Color
39, 32.048, 343.965

Protanomaly
39, 20.365, 312.969

Deuteranomaly
39, 17.166, 330.329

Tritanomaly
39, 25.859, 2.048

Monochromacy



Original Color
39, 32.048, 343.965

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 12.171, 340.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 32.048, 343.965 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, 72, 107)` looks like.

```
.text, #text, p{  
    color:rgb(133, 72, 107)  
}
```

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, 72, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 72, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 32.048, 343.965 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, 72, 107) }
```

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

```
.border{ border-color:rgb(133, 72, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 72, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 72, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 72, 107);  
box-shadow:4px 4px 4px 4px rgb(133, 72,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 32.048, 343.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 72, 107) }
```

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

```
.background{ background-color: rgb(133, 72,  
107) }
```

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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