

Converting Colors

CIELCh(34, 39.520, 352.631)

Have a look what the booklet for
CIELCh(34, 39.520, 352.631)
contains.

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Color

CIELCh(34, 39.224, 352.565)

Conversions

Conversions Part 1

Format	Color
Hex	843359
RGB	132, 51, 89
RGB Percent	52%, 20%, 35%
CMY	0.4820, 0.7997, 0.6507
CMYK	0.00, 0.61, 0.33, 0.48
HSL	332°, 44%, 36%
HSV	332°, 61%, 52%
XYZ	12.5210, 8.0082, 10.3522
YIQ	79.5510, 36.0780, 28.9900

Conversions

Conversions Part 2

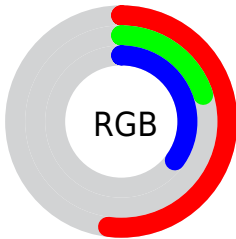
Format	Color
R_{YB}	132, 51, 89
Decimal	8663897
CIE _{Lab}	34.00, 38.89, -5.08
CIE _{LCh}	34, 39.224, 352.565
Yxy	8.0082, 0.4055, 0.2593
Android (android.graphics.Color)	4286853977 (0xFF843359)
YUV	79.5510, 4.6584, 45.9978
Hunter-Lab	28.2988, 29.4555, -1.8802

Details

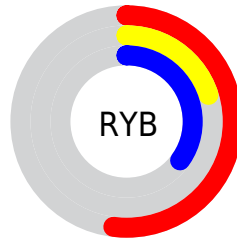
The CIELCh color **34, 39.224, 352.565** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **50, 36.622, 158.650**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 39.209, 352.740**, and **15, 37.291, 353.311** is the 20% darker color. If you saturate the color by 10%, you get **32, 44.140, 354.625**, and if you desaturate by 10%, it is **37, 33.452, 350.883**.

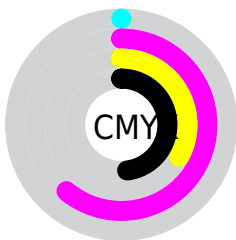
Distribution



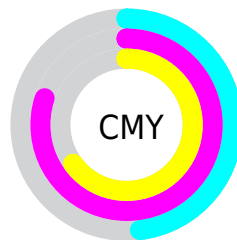
- Red (52%)
- Green (20%)
- Blue (35%)



- Red (52%)
- Yellow (20%)
- Blue (35%)



- Cyan (0%)
- Magenta (61%)
- Yellow (33%)
- Black (48%)





- Cyan (48%)
- Magenta (80%)
- Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 39.224, 352.565 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 34, 39.224, 352.565 by changing the saturation by 10% instead.


 34, 39.224,
352.565

 34, 39.224,
352.565

 100, 39.224,
352.565

 24, 39.224,
352.565

 54, 39.224,
352.565


 14, 39.224,
352.565

 64, 39.224,
352.565

 4, 39.224, 352.565

 74, 39.224,
352.565

 0, 39.224, 352.565

 84, 39.224,
352.565

 94, 39.224,
352.565

■ 34, 39.224,
352.565

■ 34, 39.224,
352.565

■ 32, 44.140,
354.625

■ 37, 33.452,
350.883

■ 30, 47.909,
357.193

■ 40, 27.143,
349.474

■ 28, 50.348, 0.423

■ 43, 20.561,
348.267

■ 27, 51.890, 3.568

■ 47, 13.903,
347.210

■ 51, 7.304, 346.257

■ 55, 0.849, 345.098

■ 59, 5.417, 164.755

■ 62, 11.473,
164.028

■ 66, 17.312,
163.377

Harmonies

Complementary

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



34, 39.224, 352.565



50, 36.622, 158.650

Rectangle

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



34, 39.224, 352.565



34, 39.224, 42.565



34, 39.224, 172.565



34, 39.224, 222.565

Sweetspot

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



34, 39.222, 352.566



61, 14.438, 346.922



30, 52.252, 312.538



31, 10.137, 347.172



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



34, 39.222, 352.566



40, 55.439, 355.663



33, 38.773, 28.172



26, 3.638, 346.055



27, 51.317, 3.494



0, 0.861, 345.349

Inverse Universe

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



34, 39.222, 352.566



40, 55.439, 355.663



50, 24.751, 198.798



26, 3.638, 346.055



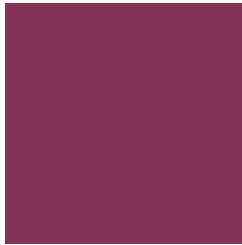
27, 51.317, 3.494



0, 0.861, 345.349

Previews

White Background



This preview shows how the CIELCh color 34, 39.224, 352.565 looks on a white background.

Color Contrast Check

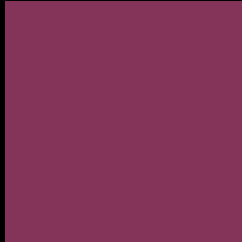
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 34, 39.224, 352.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

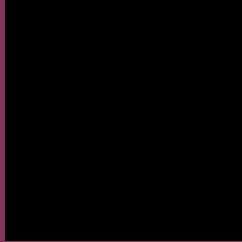
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 39.224, 352.565

Background



This preview shows how black text looks on a background with the CIELCh color 34, 39.224, 352.565.



This preview shows how white text looks on a background with the CIELCh color 34, 39.224, 352.565.

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

34, 39.224, 352.565

Protanopia

34, 17.627, 284.749

Deuteranopia

34, 5.859, 331.889



Tritanopia
34, 34.384, 22.103

Trichromacy



Original Color
34, 39.224, 352.565

Protanomaly
33, 22.495, 319.545

Deuteranomaly
33, 18.680, 345.842

Tritanomaly
34, 34.942, 10.809

Monochromacy



Original Color
34, 39.224, 352.565

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 15.656, 348.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 39.224, 352.565 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(132, 51, 89)` looks like.

```
.text, #text, p{  
    color:rgb(132, 51, 89)  
}
```

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(132, 51, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 51, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 39.224, 352.565 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(132, 51, 89) }
```

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

```
.border{ border-color:rgb(132, 51, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 51, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 51, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 51, 89);  
box-shadow:4px 4px 4px 4px rgb(132, 51,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 39.224, 352.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 51, 89) }
```

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

```
.background{ background-color: rgb(132, 51,  
89) }
```

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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