

Converting Colors

CIELCh(34, 40.446, 358.656)

Have a look what the booklet for
CIELCh(34, 40.446, 358.656)
contains.

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Color

CIELCh(34, 40.446, 358.656)

Conversions

Conversions Part 1

Format	Color
Hex	883153
RGB	136, 49, 83
RGB Percent	53%, 19%, 33%
CMY	0.4677, 0.8088, 0.6754
CMYK	0.00, 0.64, 0.39, 0.47
HSL	337°, 47%, 36%
HSV	337°, 64%, 53%
XYZ	12.7498, 8.0082, 9.0106
YIQ	78.8890, 40.9380, 29.0180

Conversions

Conversions Part 2

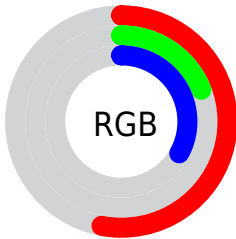
Format	Color
R_{YB}	136, 49, 83
Decimal	8925523
CIE Lab	34.00, 40.43, -0.95
CIE LCh	34, 40.446, 358.656
Yxy	8.0082, 0.4283, 0.2690
Android (android.graphics.Color)	4287115603 (0xFF883153)
YUV	78.8890, 2.0267, 50.0863
Hunter-Lab	28.2988, 30.8991, 0.9306

Details

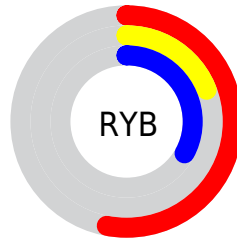
The CIELCh color **34, 40.446, 358.656** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **51, 36.123, 162.707**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 40.394, 358.749**, and **15, 37.215, 1.335** is the 20% darker color. If you saturate the color by 10%, you get **32, 45.296, 1.240**, and if you desaturate by 10%, it is **37, 34.743, 356.586**.

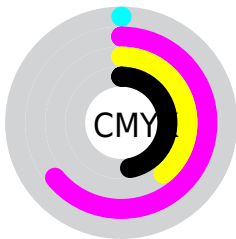
Distribution



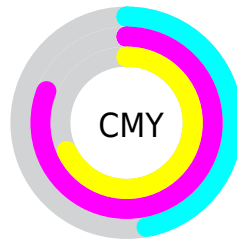
- Red (53%)
- Green (19%)
- Blue (33%)



- Red (53%)
- Yellow (19%)
- Blue (33%)



- Cyan (0%)
- Magenta (64%)
- Yellow (39%)
- Black (47%)





- Cyan (47%)
- Magenta (81%)
- Yellow (68%)
- Black (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 40.446, 358.656 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, 40.446, 358.656 by changing the saturation by 10% instead.


 34, 40.446,
358.656

 34, 40.446,
358.656

 100, 40.446,
358.656


 24, 40.446,
358.656

 54, 40.446,
358.656

 14, 40.446,
358.656


 64, 40.446,
358.656

 4, 40.446, 358.656

 74, 40.446,
358.656

 0, 40.446, 358.656

 84, 40.446,
358.656

 94, 40.446,
358.656

■ 34, 40.446,
358.656

■ 34, 40.446,
358.656

■ 32, 45.296, 1.240

■ 37, 34.743,
356.586

■ 30, 49.043, 4.493

■ 40, 28.497,
354.892

■ 29, 51.613, 8.555

■ 28, 53.023, 11.065

■ 44, 21.978,
353.477

■ 47, 15.393,
352.266

■ 51, 8.884, 351.203

■ 55, 2.537, 350.184

■ 59, 3.601, 169.583

■ 63, 9.509, 168.778

■ 67, 15.185,

Harmonies

Complementary

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



34, 40.446, 358.656



51, 36.123, 162.707

Rectangle

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



34, 40.446, 358.656



34, 40.446, 48.656



34, 40.446, 178.656



34, 40.446, 228.656

Sweetspot

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



34, 40.444, 358.657



63, 14.927, 351.755



31, 55.827, 315.108



32, 10.387, 352.026



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



34, 40.444, 358.657



41, 57.057, 2.644



35, 39.469, 33.696



27, 3.575, 350.714



27, 52.124, 10.938



0, 1.636, 349.962

Inverse Universe

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



34, 40.444, 358.657



41, 57.057, 2.644



49, 23.937, 209.578



27, 3.575, 350.714



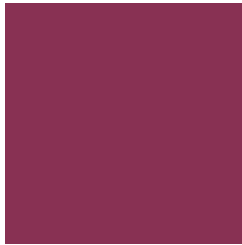
27, 52.124, 10.938



0, 1.636, 349.962

Previews

White Background



This preview shows how the CIE LCh color 34, 40.446, 358.656 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, 40.446, 358.656 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, 40.446, 358.656

Background



This preview shows how black text looks on a background with the CIELCh color 34, 40.446, 358.656.



This preview shows how white text looks on a background with the CIELCh color 34, 40.446, 358.656.

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, 40.446, 358.656

Protanopia

34, 13.855, 284.604

Deuteranopia

34, 5.315, 20.159



Tritanopia
34, 37.778, 23.357

Trichromacy



Original Color
34, 40.446, 358.656

Protanomaly
33, 19.965, 327.948

Deuteranomaly
33, 19.307, 358.281

Tritanomaly
34, 38.029, 14.043

Monochromacy



Original Color
34, 40.446, 358.656

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 15.895, 354.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 40.446, 358.656 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(136, 49, 83)` looks like.

```
.text, #text, p{  
    color:rgb(136, 49, 83)  
}
```

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(136, 49, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 49, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 40.446, 358.656 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(136, 49, 83) }
```

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

```
.border{ border-color:rgb(136, 49, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 49, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 49, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 49, 83);  
box-shadow:4px 4px 4px 4px rgb(136, 49,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 40.446, 358.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 49, 83) }
```

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

```
.background{ background-color: rgb(136, 49,  
83) }
```

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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