

Converting Colors

CIELCh(35, 45.098, 34.815)

Have a look what the booklet for
CIELCh(35, 45.098, 34.815) contains.

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Color

CIELCh(35, 45.233, 34.846)

Conversions

Conversions Part 1

Format	Color
Hex	8E352B
RGB	142, 53, 43
RGB Percent	56%, 21%, 17%
CMY	0.4425, 0.7916, 0.8309
CMYK	0.00, 0.63, 0.70, 0.44
HSL	6°, 53%, 36%
HSV	6°, 70%, 56%
XYZ	12.8995, 8.4984, 3.2573
YIQ	78.4710, 56.2540, 15.7580

Conversions

Conversions Part 2

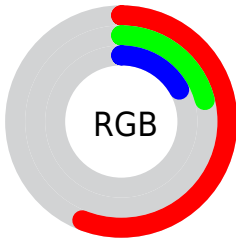
Format	Color
R_{YB}	142, 54, 43
Decimal	9319723
CIE _{Lab}	35.00, 37.12, 25.84
CIE _{LCh}	35, 45.233, 34.846
Yxy	8.4984, 0.5232, 0.3447
Android (android.graphics.Color)	4287509803 (0xFF8E352B)
YUV	78.4710, -17.4872, 55.7149
Hunter-Lab	29.1520, 27.9688, 13.7817

Details

The CIELCh color **35, 45.233, 34.846** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **51, 25.937, 210.197**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 45.272, 35.048**, and **15, 43.484, 33.400** is the 20% darker color. If you saturate the color by 10%, you get **33, 52.751, 36.930**, and if you desaturate by 10%, it is **38, 37.668, 33.087**.

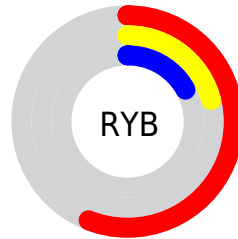
Distribution



Red (56%)

Green (21%)

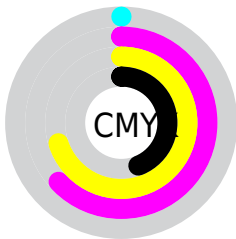
Blue (17%)



Red (56%)

Yellow (21%)

Blue (17%)

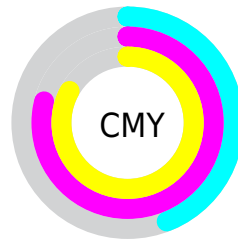


Cyan (0%)

Magenta (63%)

Yellow (70%)

Black (44%)



Cyan (44%)

Magenta (79%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 45.233, 34.846 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 35, 45.233, 34.846 by changing the saturation by 10% instead.

■ 35, 45.233, 34.846

■ 35, 45.233, 34.846

■ 100, 45.233,
34.846

■ 25, 45.233, 34.846

■ 55, 45.233, 34.846

■ 15, 45.233, 34.846

■ 65, 45.233, 34.846

■ 5, 45.233, 34.846

■ 75, 45.233, 34.846

■ 0, 45.233, 34.846

■ 85, 45.233, 34.846

■ 95, 45.233, 34.846

■ 35, 45.233, 34.846

■ 35, 45.233, 34.846

■ 33, 52.751, 36.930

■ 38, 37.668, 33.087

31, 59.706, 39.051

41, 30.322, 31.697

30, 65.273, 40.823

44, 23.336, 30.644

30, 65.440, 40.890

48, 16.783, 29.867

52, 10.688, 29.305

55, 5.047, 28.884

59, 0.167, 211.317

63, 4.988, 208.665

67, 9.457, 208.552

Harmonies

Complementary

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



35, 45.233, 34.846



51, 25.937, 210.197

Rectangle

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



35, 45.233, 34.846



35, 45.233, 84.846



35, 45.233, 214.846



35, 45.233, 264.846

Sweetspot

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



35, 45.231, 34.849



65, 14.162, 29.392



36, 59.274, 331.123



32, 9.644, 29.517



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



35, 45.231, 34.849



41, 68.922, 38.246



46, 39.926, 76.040



28, 2.952, 28.865



28, 62.736, 40.683



1, 1.928, 28.723

Inverse Universe

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



51, 25.937, 210.197



63, 33.944, 211.912



35, 37.672, 280.339



29, 2.788, 208.671



46, 27.876, 213.921



1, 1.928, 208.742

Previews

White Background



This preview shows how the CIELCh color 35, 45.233, 34.846 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 35, 45.233, 34.846 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 35, 45.233, 34.846

Background



This preview shows how black text looks on a background with the CIELCh color 35, 45.233, 34.846.

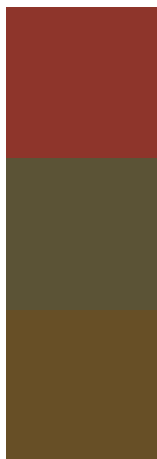


This preview shows how white text looks on a background with the CIELCh color 35, 45.233, 34.846.

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

35, 45.233, 34.846

Protanopia

35, 18.257, 94.919

Deuteranopia

35, 28.106, 80.079



Tritanopia
35, 43.032, 25.718

Trichromacy



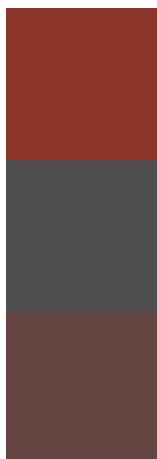
Original Color
35, 45.233, 34.846

Protanomaly
34, 23.955, 55.559

Deuteranomaly
35, 31.355, 56.976

Tritanomaly
35, 43.887, 28.731

Monochromacy



Original Color
35, 45.233, 34.846

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 15.349, 31.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 45.233, 34.846 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(142, 53, 43)` looks like.

```
.text, #text, p{  
    color:rgb(142, 53, 43)  
}
```

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(142, 53, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 53, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 45.233, 34.846 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(142, 53, 43) }
```

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

```
.border{ border-color:rgb(142, 53, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 53, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 53, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 53, 43);  
box-shadow:4px 4px 4px 4px rgb(142, 53,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 45.233, 34.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 53, 43) }
```

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

```
.background{ background-color: rgb(142, 53,  
43) }
```

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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