

Converting Colors

CIELCh(34, 43.086, 24.099)

Have a look what the booklet for
CIELCh(34, 43.086, 24.099) contains.

CIELCh(34, 43.215, 23.989)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(34, 43.215, 23.989)

Conversions

Conversions Part 1

Format	Color
Hex	8C3036
RGB	140, 48, 54
RGB Percent	55%, 19%, 21%
CMY	0.4498, 0.8106, 0.7873
CMYK	0.00, 0.66, 0.61, 0.45
HSL	356°, 49%, 37%
HSV	356°, 66%, 55%
XYZ	12.6080, 8.0082, 4.4010
YIQ	76.1920, 52.9060, 21.3700

Conversions

Conversions Part 2

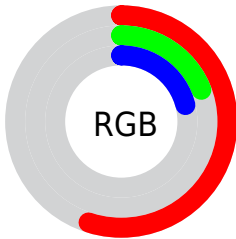
Format	Color
RYB	140, 48, 54
Decimal	9187382
CIELab	34.00, 39.48, 17.57
CIELCh	34, 43.215, 23.989
Yxy	8.0082, 0.5040, 0.3201
Android (android.graphics.Color)	4287377462 (0xFF8C3036)
YUV	76.1920, -10.9407, 55.9596
Hunter-Lab	28.2988, 30.0044, 10.5884

Details

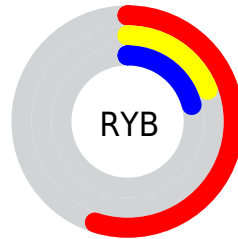
The CIELCh color **34, 43.215, 23.989** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **53, 28.500, 189.661**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 43.195, 23.646**, and **15, 40.715, 27.609** is the 20% darker color. If you saturate the color by 10%, you get **32, 50.051, 27.285**, and if you desaturate by 10%, it is **37, 36.117, 21.338**.

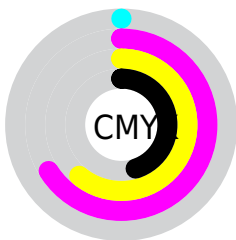
Distribution



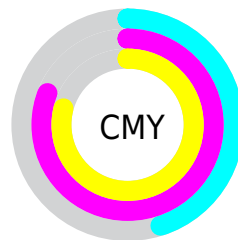
- Red (55%)
- Green (19%)
- Blue (21%)



- Red (55%)
- Yellow (19%)
- Blue (21%)



- Cyan (0%)
- Magenta (66%)
- Yellow (61%)
- Black (45%)



- Cyan (45%)
- Magenta (81%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 43.215, 23.989 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, 43.215, 23.989 by changing the saturation by 10% instead.

■ 34, 43.215, 23.989

■ 34, 43.215, 23.989

■ 100, 43.215,
23.989

■ 24, 43.215, 23.989

■ 54, 43.215, 23.989

■ 14, 43.215, 23.989

■ 64, 43.215, 23.989

■ 4, 43.215, 23.989

■ 74, 43.215, 23.989

■ 0, 43.215, 23.989

■ 84, 43.215, 23.989

■ 94, 43.215, 23.989

■ 34, 43.215, 23.989

■ 34, 43.215, 23.989

■ 32, 50.051, 27.285

■ 37, 36.117, 21.338

■ 30, 56.386, 31.165

■ 40, 28.992, 19.245

■ 29, 61.909, 35.197

■ 44, 22.027, 17.599

■ 28, 64.012, 36.429

■ 48, 15.355, 16.294

■ 52, 9.048, 15.238

■ 56, 3.135, 14.311

■ 60, 2.389, 193.928

■ 65, 7.545, 193.232

■ 69, 12.363,
192.723

Harmonies

Complementary

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



34, 43.215, 23.989



53, 28.500, 189.661

Rectangle

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



34, 43.215, 23.989



34, 43.215, 73.989



34, 43.215, 203.989



34, 43.215, 253.989

Sweetspot

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



34, 43.213, 23.992



64, 14.697, 15.724



36, 59.683, 325.469



32, 10.073, 15.989



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



34, 43.213, 23.992



41, 65.065, 29.221



42, 36.151, 61.018



28, 3.253, 14.648



27, 62.106, 36.185



0, 2.133, 14.035

Inverse Universe

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



34, 43.213, 23.992



41, 65.065, 29.221



41, 27.494, 261.178



28, 3.253, 14.648



27, 62.106, 36.185



0, 2.133, 14.035

Previews

White Background



This preview shows how the CIELCh color 34, 43.215, 23.989 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, 43.215, 23.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

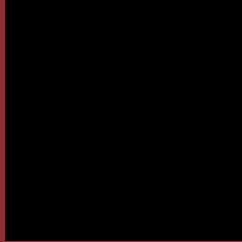
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 43.215, 23.989

Background



This preview shows how black text looks on a background with the CIELCh color 34, 43.215, 23.989.

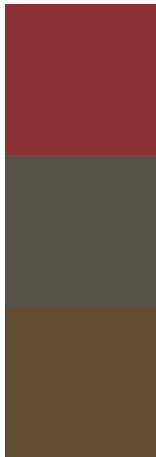


This preview shows how white text looks on a background with the CIELCh color 34, 43.215, 23.989.

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, 43.215, 23.989

Protanopia

34, 8.289, 96.028

Deuteranopia

34, 19.948, 75.827



Tritanopia
34, 43.275, 26.068

Trichromacy



Original Color
34, 43.215, 23.989

Protanomaly
33, 17.720, 34.116

Deuteranomaly
34, 25.208, 43.971

Tritanomaly
34, 43.075, 25.296

Monochromacy



Original Color
34, 43.215, 23.989

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 15.338, 17.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 43.215, 23.989 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(140, 48, 54)` looks like.

```
.text, #text, p{  
    color:rgb(140, 48, 54)  
}
```

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(140, 48, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 48, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 43.215, 23.989 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(140, 48, 54) }
```

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

```
.border{ border-color:rgb(140, 48, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 48, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 48, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 48, 54);  
box-shadow:4px 4px 4px 4px rgb(140, 48,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 43.215, 23.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 48, 54) }
```

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

```
.background{ background-color: rgb(140, 48,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor