

Converting Colors

CIELCh(43, 71.042, 34.107)

Have a look what the booklet for
CIELCh(43, 71.042, 34.107) contains.

CIELCh(43, 71.070, 34.154)	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(43, 71.070, 34.154)

Conversions

Conversions Part 1

Format	Color
Hex	C22927
RGB	194, 41, 39
RGB Percent	76%, 16%, 15%
CMY	0.2400, 0.8400, 0.8476
CMYK	0.00, 0.79, 0.80, 0.24
HSL	1°, 67%, 46%
HSV	1°, 80%, 76%
XYZ	23.3439, 13.1578, 3.2162
YIQ	86.5190, 91.8300, 31.8140

Conversions

Conversions Part 2

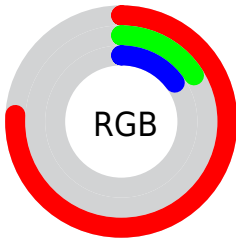
Format	Color
RYB	194, 41, 39
Decimal	12724519
CIELab	43.00, 58.81, 39.90
CIElCh	43, 71.070, 34.154
Yxy	13.1578, 0.5877, 0.3313
Android (android.graphics.Color)	4290914599 (0xFFC22927)
YUV	86.5190, -23.4269, 94.2608
Hunter-Lab	36.2736, 51.3948, 20.1346

Details

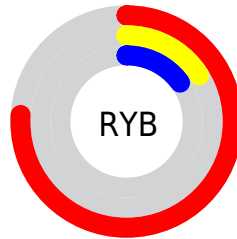
The CIELCh color **43, 71.070, 34.154** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **71, 38.193, 198.165**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 69.894, 34.398**, and **26, 62.892, 38.624** is the 20% darker color. If you saturate the color by 10%, you get **41, 79.083, 37.459**, and if you desaturate by 10%, it is **46, 61.782, 30.867**.

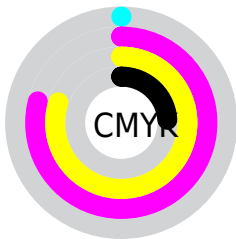
Distribution



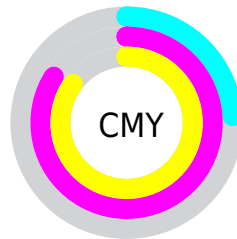
- Red (76%)
- Green (16%)
- Blue (15%)



- Red (76%)
- Yellow (16%)
- Blue (15%)



- Cyan (0%)
- Magenta (79%)
- Yellow (80%)
- Black (24%)



- Cyan (24%)
- Magenta (84%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 71.070, 34.154 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 43, 71.070, 34.154 by changing the saturation by 10% instead.

 43, 71.070, 34.154

 43, 71.070, 34.154

 100, 71.070,
34.154

 33, 71.070, 34.154

 63, 71.070, 34.154

 23, 71.070, 34.154

 73, 71.070, 34.154

 13, 71.070, 34.154

 83, 71.070, 34.154

 3, 71.070, 34.154

 93, 71.070, 34.154

 0, 71.070, 34.154

 43, 71.070, 34.154

 43, 71.070, 34.154

 41, 79.083, 37.459

 46, 61.782, 30.867

 40, 84.861, 40.109

 49, 52.034, 28.066

40, 84.891, 40.124

53, 42.254, 25.836

58, 32.735, 24.113

62, 23.673, 22.794

68, 15.174, 21.781

73, 7.275, 20.977

78, 0.035, 215.917

84, 6.792, 200.083

Harmonies

Complementary

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



43, 71.070, 34.154



71, 38.193, 198.165

Rectangle

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



43, 71.070, 34.154



43, 71.070, 84.154



43, 71.070, 214.154



43, 71.070, 264.154

Sweetspot

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



43, 71.067, 34.156



83, 23.020, 22.198



48, 87.705, 328.002



42, 16.167, 22.577



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 71.067, 34.156



53, 101.625, 39.298



56, 58.164, 64.968



38, 4.136, 20.933



33, 73.556, 39.894



3, 13.883, 20.093

Inverse Universe

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



71, 38.193, 198.165



89, 48.672, 198.315



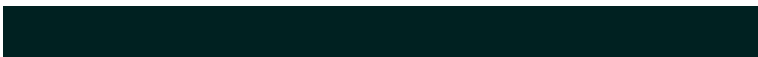
48, 47.288, 275.379



40, 3.899, 200.072



59, 34.857, 198.317



10, 12.269, 197.874

Previews

White Background



This preview shows how the CIELCh color 43, 71.070, 34.154 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 43, 71.070, 34.154 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 43, 71.070, 34.154

Background



This preview shows how black text looks on a background with the CIELCh color 43, 71.070, 34.154.



This preview shows how white text looks on a background with the CIELCh color 43, 71.070, 34.154.

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

43, 71.070, 34.154

Protanopia

44, 27.966, 96.288

Deuteranopia

43, 43.212, 82.282



Tritanopia
43, 70.518, 33.392

Trichromacy



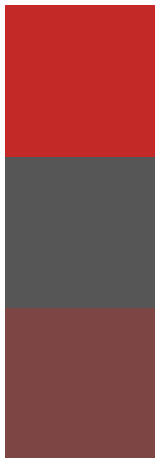
Original Color
43, 71.070, 34.154

Protanomaly
41, 36.819, 51.143

Deuteranomaly
41, 49.162, 54.635

Tritanomaly
43, 70.794, 33.776

Monochromacy



Original Color
43, 71.070, 34.154

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 25.824, 24.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 71.070, 34.154 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(194, 41, 39)` looks like.

```
.text, #text, p{  
    color:rgb(194, 41, 39)  
}
```

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(194, 41, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 41, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 71.070, 34.154 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(194, 41, 39) }
```

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

```
.border{ border-color:rgb(194, 41, 39) }
```

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

Here you see how a box with a 4 pixel rgb(194, 41, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 41, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 41, 39);  
box-shadow:4px 4px 4px 4px rgb(194, 41,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 71.070, 34.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 41, 39) }
```

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

```
.background{ background-color: rgb(194, 41,  
39) }
```

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