

Converting Colors

CIELCh(43, 52.820, 36.599)

Have a look what the booklet for
CIELCh(43, 52.820, 36.599) contains.

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Color

CIELCh(43, 52.778, 36.429)

Conversions

Conversions Part 1

Format	Color
Hex	AD4334
RGB	173, 67, 52
RGB Percent	68%, 26%, 20%
CMY	0.3214, 0.7371, 0.7959
CMYK	0.00, 0.61, 0.70, 0.32
HSL	7°, 54%, 44%
HSV	7°, 70%, 68%
XYZ	19.8752, 13.1578, 4.7454
YIQ	96.9840, 67.9910, 17.8070

Conversions

Conversions Part 2

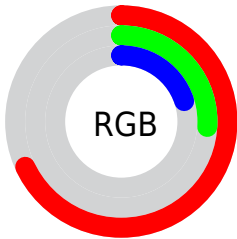
Format	Color
R _Y B	173, 69, 52
Decimal	11354932
CIE Lab	43.00, 42.46, 31.34
CIE LCh	43, 52.778, 36.429
Yxy	13.1578, 0.5261, 0.3483
Android (android.graphics.Color)	4289545012 (0xFFAD4334)
YUV	96.9840, -22.1771, 66.6660
Hunter-Lab	36.2736, 34.3255, 17.6350

Details

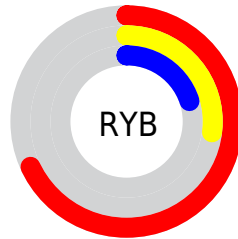
The CIELCh color **43, 52.778, 36.429** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **60, 29.758, 213.813**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 53.005, 36.395**, and **23, 52.659, 36.313** is the 20% darker color. If you saturate the color by 10%, you get **40, 61.570, 38.302**, and if you desaturate by 10%, it is **46, 43.920, 34.826**.

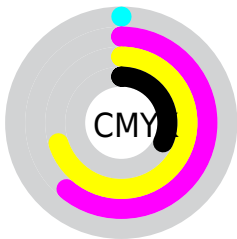
Distribution



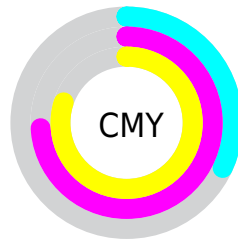
- Red (68%)
- Green (26%)
- Blue (20%)



- Red (68%)
- Yellow (27%)
- Blue (20%)



- Cyan (0%)
- Magenta (61%)
- Yellow (70%)
- Black (32%)



- Cyan (32%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 52.778, 36.429 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, 52.778, 36.429 by changing the saturation by 10% instead.

■ 43, 52.778, 36.429

■ 43, 52.778, 36.429

■ 100, 52.778,
36.429

■ 33, 52.778, 36.429

■ 63, 52.778, 36.429

■ 23, 52.778, 36.429

■ 73, 52.778, 36.429

■ 13, 52.778, 36.429

■ 83, 52.778, 36.429

■ 3, 52.778, 36.429

■ 93, 52.778, 36.429

■ 0, 52.778, 36.429

■ 43, 52.778, 36.429

■ 43, 52.778, 36.429

■ 40, 61.570, 38.302

■ 46, 43.920, 34.826

■ 38, 69.596, 40.100

■ 50, 35.336, 33.562

37, 76.096, 41.659

54, 27.196, 32.620

37, 76.142, 41.676

58, 19.579, 31.946

62, 12.512, 31.481

66, 5.983, 31.153

71, 0.043, 222.783

75, 5.606, 211.107

80, 10.758,
211.075

Harmonies

Complementary

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



43, 52.778, 36.429



60, 29.758, 213.813

Rectangle

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



43, 52.778, 36.429



43, 52.778, 86.429



43, 52.778, 216.429



43, 52.778, 266.429

Sweetspot

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



43, 52.776, 36.432



78, 16.384, 31.537



44, 68.619, 331.830



40, 11.197, 31.650



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



43, 52.776, 36.432



51, 80.354, 39.345



56, 47.313, 77.310



34, 3.408, 31.134



32, 68.147, 41.559



2, 7.090, 28.721

Inverse Universe

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



60, 29.758, 213.813



75, 38.952, 216.088



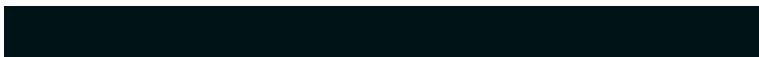
42, 45.605, 282.182



36, 3.213, 211.106



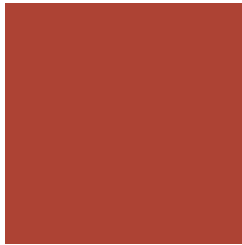
50, 29.688, 218.724



5, 6.711, 216.626

Previews

White Background



This preview shows how the CIELCh color 43, 52.778, 36.429 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, 52.778, 36.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

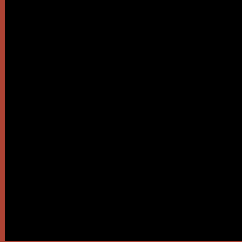
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 52.778, 36.429

Background



This preview shows how black text looks on a background with the CIELCh color 43, 52.778, 36.429.



This preview shows how white text looks on a background with the CIELCh color 43, 52.778, 36.429.

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, 52.778, 36.429

Protanopia

43, 22.992, 95.059

Deuteranopia

43, 33.735, 79.672



Tritanopia
43, 49.645, 25.461

Trichromacy



Original Color
43, 52.778, 36.429

Protanomaly
42, 28.584, 57.948

Deuteranomaly
42, 37.828, 57.383

Tritanomaly
43, 50.596, 29.696

Monochromacy



Original Color
43, 52.778, 36.429

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 18.107, 31.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 52.778, 36.429 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(173, 67, 52)` looks like.

```
.text, #text, p{  
    color:rgb(173, 67, 52)  
}
```

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(173, 67, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 67, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 52.778, 36.429 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(173, 67, 52) }
```

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

```
.border{ border-color:rgb(173, 67, 52) }
```

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

Here you see how a box with a 4 pixel rgb(173, 67, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 67, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 67, 52);  
box-shadow:4px 4px 4px 4px rgb(173, 67,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 52.778, 36.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 67, 52) }
```

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

```
.background{ background-color: rgb(173, 67,  
52) }
```

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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