

Converting Colors

CIELCh(43, 65.049, 32.873)

Have a look what the booklet for
CIELCh(43, 65.049, 32.873) contains.

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Color

CIELCh(43, 65.152, 32.934)

Conversions

Conversions Part 1

Format	Color
Hex	BC312E
RGB	188, 49, 46
RGB Percent	74%, 19%, 18%
CMY	0.2614, 0.8065, 0.8187
CMYK	0.00, 0.74, 0.75, 0.26
HSL	1°, 61%, 46%
HSV	1°, 75%, 74%
XYZ	22.4322, 13.1578, 3.9670
YIQ	90.2190, 83.8070, 28.5350

Conversions

Conversions Part 2

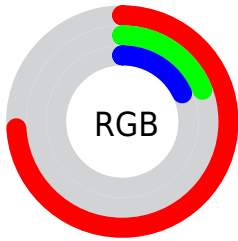
Format	Color
R _Y B	188, 49, 46
Decimal	12333358
CIE Lab	43.00, 54.68, 35.42
CIE LCh	43, 65.152, 32.934
Yxy	13.1578, 0.5671, 0.3326
Android (android.graphics.Color)	4290523438 (0xFFBC312E)
YUV	90.2190, -21.8000, 85.7539
Hunter-Lab	36.2736, 46.9082, 18.9074

Details

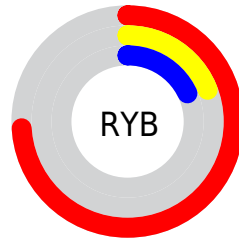
The CIELCh color **43, 65.152, 32.934** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **69, 36.147, 199.386**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 64.994, 32.928**, and **25, 60.901, 38.314** is the 20% darker color. If you saturate the color by 10%, you get **41, 73.769, 36.199**, and if you desaturate by 10%, it is **46, 55.768, 29.961**.

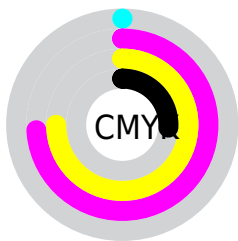
Distribution



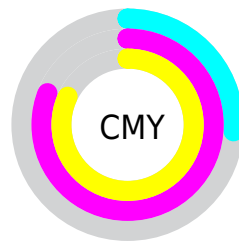
- Red (74%)
- Green (19%)
- Blue (18%)



- Red (74%)
- Yellow (19%)
- Blue (18%)



- Cyan (0%)
- Magenta (74%)
- Yellow (75%)
- Black (26%)



- Cyan (26%)
- Magenta (81%)
- Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 65.152, 32.934 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, 65.152, 32.934 by changing the saturation by 10% instead.

 43, 65.152, 32.934

 43, 65.152, 32.934

 100, 65.152,
32.934

 33, 65.152, 32.934

 63, 65.152, 32.934

 23, 65.152, 32.934

 73, 65.152, 32.934

 13, 65.152, 32.934

 83, 65.152, 32.934

 3, 65.152, 32.934

 93, 65.152, 32.934

 0, 65.152, 32.934

 43, 65.152, 32.934

 43, 65.152, 32.934

 41, 73.769, 36.199

 46, 55.768, 29.961

 40, 80.425, 38.970

 50, 46.190, 27.519

39, 82.968, 40.224

54, 36.755, 25.607

58, 27.694, 24.139

63, 19.147, 23.019

68, 11.175, 22.153

73, 3.788, 21.416

79, 3.041, 201.236

84, 9.358, 200.737

Harmonies

Complementary

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



43, 65.152, 32.934



69, 36.147, 199.386

Rectangle

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



43, 65.152, 32.934



43, 65.152, 82.934



43, 65.152, 212.934



43, 65.152, 262.934

Sweetspot

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



43, 65.149, 32.936



82, 21.241, 22.821



47, 82.242, 328.453



41, 14.903, 23.173



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



43, 65.149, 32.936



52, 95.900, 38.267



56, 53.603, 67.249



37, 4.008, 21.707



33, 72.503, 39.971



3, 12.066, 20.683

Inverse Universe

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



69, 36.147, 199.386



87, 46.660, 199.660



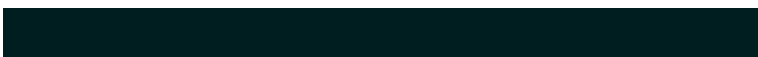
48, 44.934, 275.238



39, 3.778, 200.911



58, 34.015, 199.811



9, 11.321, 199.472

Previews

White Background



This preview shows how the CIELCh color 43, 65.152, 32.934 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, 65.152, 32.934 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, 65.152, 32.934

Background



This preview shows how black text looks on a background with the CIELCh color 43, 65.152, 32.934.



This preview shows how white text looks on a background with the CIELCh color 43, 65.152, 32.934.

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, 65.152, 32.934

Protanopia

44, 23.987, 96.540

Deuteranopia

43, 38.284, 81.134



Tritanopia
43, 64.091, 31.152

Trichromacy



Original Color
43, 65.152, 32.934

Protanomaly
41, 32.840, 50.132

Deuteranomaly
42, 44.125, 54.008

Tritanomaly
43, 64.351, 31.606

Monochromacy



Original Color
43, 65.152, 32.934

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 23.120, 24.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 65.152, 32.934 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(188, 49, 46)` looks like.

```
.text, #text, p{  
    color:rgb(188, 49, 46)  
}
```

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(188, 49, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 49, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 65.152, 32.934 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(188, 49, 46) }
```

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

```
.border{ border-color:rgb(188, 49, 46) }
```

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

Here you see how a box with a 4 pixel rgb(188, 49, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 49, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 49, 46);  
box-shadow:4px 4px 4px 4px rgb(188, 49,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 65.152, 32.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 49, 46) }
```

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

```
.background{ background-color: rgb(188, 49,  
46) }
```

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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