

Converting Colors

CIELCh(43, 56.612, 15.081)

Have a look what the booklet for
CIELCh(43, 56.612, 15.081) contains.

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Color

CIELCh(43, 56.612, 15.081)

Conversions

Conversions Part 1

Format	Color
Hex	B83350
RGB	184, 51, 80
RGB Percent	72%, 20%, 31%
CMY	0.2781, 0.7996, 0.6860
CMYK	0.00, 0.72, 0.57, 0.28
HSL	347°, 57%, 46%
HSV	347°, 72%, 72%
XYZ	22.4279, 13.1578, 8.9608
YIQ	94.0730, 69.9590, 37.2150

Conversions

Conversions Part 2

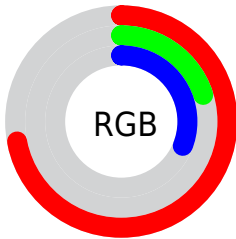
Format	Color
R_{YB}	184, 51, 80
Decimal	12071760
CIE Lab	43.00, 54.66, 14.73
CIE LCh	43, 56.612, 15.081
Yxy	13.1578, 0.5035, 0.2954
Android (android.graphics.Color)	4290261840 (0xFFB83350)
YUV	94.0730, -6.9380, 78.8660
Hunter-Lab	36.2736, 46.8872, 10.7449

Details

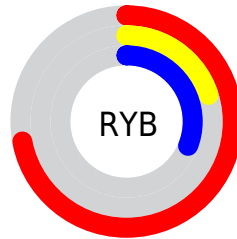
The CIELCh color **43, 56.612, 15.081** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **68, 42.452, 173.867**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 56.715, 14.972**, and **25, 51.441, 20.090** is the 20% darker color. If you saturate the color by 10%, you get **41, 62.895, 19.154**, and if you desaturate by 10%, it is **46, 49.393, 11.826**.

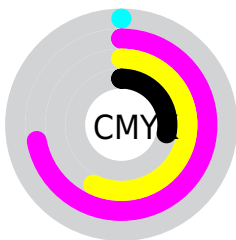
Distribution



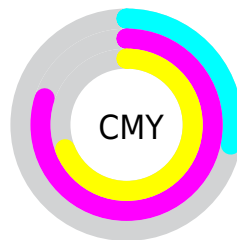
- Red (72%)
- Green (20%)
- Blue (31%)



- Red (72%)
- Yellow (20%)
- Blue (31%)



- Cyan (0%)
- Magenta (72%)
- Yellow (57%)
- Black (28%)



- Cyan (28%)
- Magenta (80%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 56.612, 15.081 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, 56.612, 15.081 by changing the saturation by 10% instead.

 43, 56.612, 15.081

 43, 56.612, 15.081

 100, 56.612,
15.081

 33, 56.612, 15.081

 63, 56.612, 15.081

 23, 56.612, 15.081

 73, 56.612, 15.081

 13, 56.612, 15.081

 83, 56.612, 15.081

 3, 56.612, 15.081

 93, 56.612, 15.081

 0, 56.612, 15.081

 43, 56.612, 15.081

 43, 56.612, 15.081

 41, 62.895, 19.154

 46, 49.393, 11.826

 39, 68.183, 24.053

 50, 41.510, 9.250

38, 71.914, 28.067

54, 33.288, 7.200

59, 25.017, 5.544

63, 16.907, 4.178

69, 9.088, 3.018

74, 1.625, 1.809

79, 5.459, 181.349

84, 12.168,
180.565

Harmonies

Complementary

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



43, 56.612, 15.081



68, 42.452, 173.867

Rectangle

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



43, 56.612, 15.081



43, 56.612, 65.081



43, 56.612, 195.081



43, 56.612, 245.081

Sweetspot

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



43, 56.609, 15.083



81, 20.729, 4.194



42, 78.972, 320.317



41, 14.002, 4.537



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



43, 56.609, 15.083



52, 80.798, 22.108



48, 53.455, 46.223



36, 4.166, 2.704



32, 63.099, 27.272



2, 10.952, 6.403

Inverse Universe

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



43, 56.609, 15.083



52, 80.798, 22.108



58, 31.224, 238.439



36, 4.166, 2.704



32, 63.099, 27.272



2, 10.952, 6.403

Previews

White Background



This preview shows how the CIELCh color 43, 56.612, 15.081 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, 56.612, 15.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

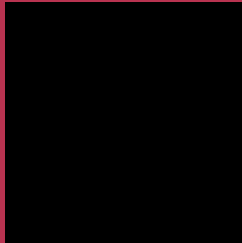
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 56.612, 15.081

Background



This preview shows how black text looks on a background with the CIELCh color 43, 56.612, 15.081.



This preview shows how white text looks on a background with the CIELCh color 43, 56.612, 15.081.

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, 56.612, 15.081

Protanopia

43, 1.993, 314.726

Deuteranopia

43, 18.351, 70.730



Tritanopia
43, 58.366, 29.030

Trichromacy



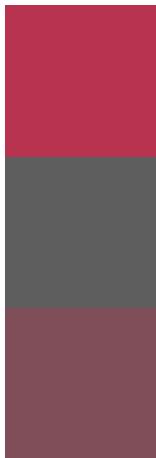
Original Color
43, 56.612, 15.081

Protanomaly
41, 22.755, 3.099

Deuteranomaly
42, 29.969, 29.316

Tritanomaly
43, 57.225, 24.004

Monochromacy



Original Color
43, 56.612, 15.081

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 22.328, 5.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 56.612, 15.081 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(184, 51, 80)` looks like.

```
.text, #text, p{  
    color:rgb(184, 51, 80)  
}
```

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(184, 51, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 51, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 56.612, 15.081 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(184, 51, 80) }
```

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

```
.border{ border-color:rgb(184, 51, 80) }
```

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

Here you see how a box with a 4 pixel rgb(184, 51, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 51, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 51, 80);  
box-shadow:4px 4px 4px 4px rgb(184, 51,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 56.612, 15.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 51, 80) }
```

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

```
.background{ background-color: rgb(184, 51,  
80) }
```

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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