

Converting Colors

CIELCh(43, 59.682, 15.768)

Have a look what the booklet for
CIELCh(43, 59.682, 15.768) contains.

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Color

CIELCh(43, 59.682, 15.768)

Conversions

Conversions Part 1

Format	Color
Hex	BC2E4E
RGB	188, 46, 78
RGB Percent	74%, 18%, 31%
CMY	0.2634, 0.8203, 0.6946
CMYK	0.00, 0.76, 0.59, 0.26
HSL	346°, 61%, 46%
HSV	346°, 76%, 74%
XYZ	23.0374, 13.1578, 8.5086
YIQ	92.1060, 74.3600, 40.0560

Conversions

Conversions Part 2

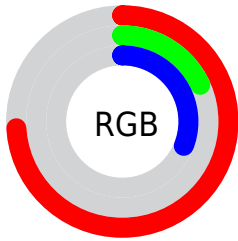
Format	Color
RYB	188, 46, 78
Decimal	12332622
CIELab	43.00, 57.44, 16.22
CIELCh	43, 59.682, 15.768
Yxy	13.1578, 0.5153, 0.2943
Android (android.graphics.Color)	4290522702 (0xFFBC2E4E)
YUV	92.1060, -6.9543, 84.0990
Hunter-Lab	36.2736, 49.8865, 11.4840

Details

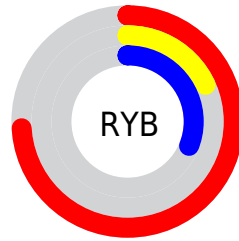
The CIELCh color **43, 59.682, 15.768** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **69, 44.680, 172.656**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 59.846, 15.704**, and **26, 52.916, 22.196** is the 20% darker color. If you saturate the color by 10%, you get **41, 65.617, 20.132**, and if you desaturate by 10%, it is **46, 52.717, 12.254**.

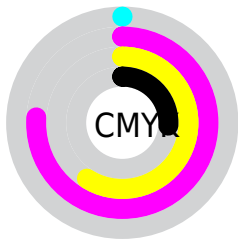
Distribution



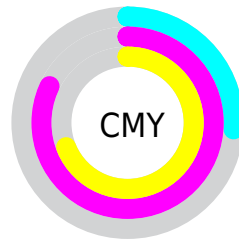
- Red (74%)
- Green (18%)
- Blue (31%)



- Red (74%)
- Yellow (18%)
- Blue (31%)



- Cyan (0%)
- Magenta (76%)
- Yellow (59%)
- Black (26%)



- Cyan (26%)
- Magenta (82%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 59.682, 15.768 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, 59.682, 15.768 by changing the saturation by 10% instead.

 43, 59.682, 15.768

 43, 59.682, 15.768

 100, 59.682,
15.768

 33, 59.682, 15.768

 63, 59.682, 15.768

 23, 59.682, 15.768

 73, 59.682, 15.768

 13, 59.682, 15.768

 83, 59.682, 15.768

 3, 59.682, 15.768

 93, 59.682, 15.768

 0, 59.682, 15.768

 43, 59.682, 15.768

 43, 59.682, 15.768

 41, 65.617, 20.132

 46, 52.717, 12.254

 40, 70.566, 25.283

 49, 44.947, 9.471

39, 72.688, 27.537

54, 36.699, 7.263

58, 28.291, 5.489

63, 19.972, 4.035

68, 11.902, 2.812

73, 4.170, 1.714

79, 3.185, 181.096

84, 10.160,
180.219

Harmonies

Complementary

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



43, 59.682, 15.768



69, 44.680, 172.656

Rectangle

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



43, 59.682, 15.768



43, 59.682, 65.768



43, 59.682, 195.768



43, 59.682, 245.768

Sweetspot

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



43, 59.679, 15.770



82, 22.147, 3.746



42, 82.838, 320.315



41, 15.439, 4.222



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, 59.679, 15.770



52, 84.328, 23.618



48, 57.389, 46.310



37, 4.275, 2.127



33, 63.594, 26.732



3, 12.600, 6.640

Inverse Universe

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



43, 59.679, 15.770



52, 84.328, 23.618



58, 32.546, 239.570



37, 4.275, 2.127



33, 63.594, 26.732



3, 12.600, 6.640

Previews

White Background



This preview shows how the CIELCh color 43, 59.682, 15.768 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, 59.682, 15.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

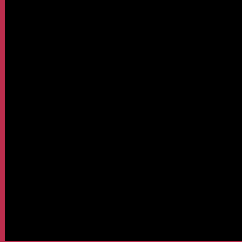
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 59.682, 15.768

Background



This preview shows how black text looks on a background with the CIELCh color 43, 59.682, 15.768.



This preview shows how white text looks on a background with the CIELCh color 43, 59.682, 15.768.

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, 59.682, 15.768

Protanopia

43, 1.469, 324.432

Deuteranopia

43, 19.853, 73.390



Tritanopia
43, 62.463, 30.244

Trichromacy



Original Color
43, 59.682, 15.768

Protanomaly
41, 23.510, 5.457

Deuteranomaly
42, 31.697, 30.354

Tritanomaly
43, 60.910, 25.164

Monochromacy



Original Color
43, 59.682, 15.768

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 23.799, 5.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 59.682, 15.768 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, 46, 78)` looks like.

```
.text, #text, p{  
    color:rgb(188, 46, 78)  
}
```

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, 46, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 46, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 59.682, 15.768 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, 46, 78) }
```

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

```
.border{ border-color:rgb(188, 46, 78) }
```

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

Here you see how a box with a 4 pixel rgb(188, 46, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 46, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 46, 78);  
box-shadow:4px 4px 4px 4px rgb(188, 46,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 59.682, 15.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 46, 78) }
```

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

```
.background{ background-color: rgb(188, 46,  
78) }
```

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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