

Converting Colors

CIELCh(43, 59.140, 4.414)

Have a look what the booklet for
CIELCh(43, 59.140, 4.414) contains.

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Color

CIELCh(43, 59.100, 4.544)

Conversions

Conversions Part 1

Format	Color
Hex	BA2C60
RGB	186, 44, 96
RGB Percent	73%, 17%, 38%
CMY	0.2693, 0.8260, 0.6225
CMYK	0.00, 0.76, 0.48, 0.27
HSL	338°, 62%, 45%
HSV	338°, 76%, 73%
XYZ	23.3666, 13.1578, 12.4379
YIQ	92.3860, 67.9400, 46.2760

Conversions

Conversions Part 2

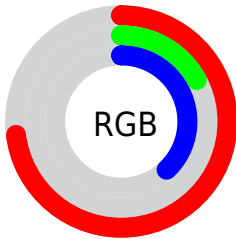
Format	Color
R _Y B	186, 44, 96
Decimal	12201056
CIE Lab	43.00, 58.91, 4.68
CIE LCh	43, 59.100, 4.544
Yxy	13.1578, 0.4772, 0.2687
Android (android.graphics.Color)	4290391136 (0xFFBA2C60)
YUV	92.3860, 1.7817, 82.0995
Hunter-Lab	36.2736, 51.5067, 5.0615

Details

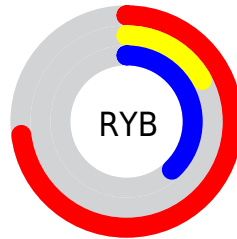
The CIELCh color **43, 59.100, 4.544** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **68, 51.551, 161.959**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 59.089, 4.815**, and **26, 50.490, 10.451** is the 20% darker color. If you saturate the color by 10%, you get **41, 63.491, 8.387**, and if you desaturate by 10%, it is **46, 53.227, 1.510**.

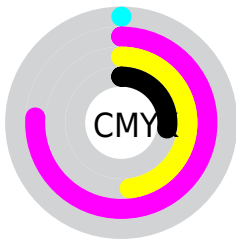
Distribution



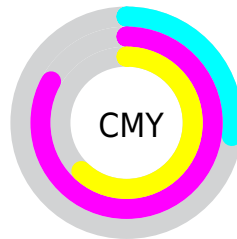
- Red (73%)
- Green (17%)
- Blue (38%)



- Red (73%)
- Yellow (17%)
- Blue (38%)



- Cyan (0%)
- Magenta (76%)
- Yellow (48%)
- Black (27%)



- Cyan (27%)
- Magenta (83%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 59.100, 4.544 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, 59.100, 4.544 by changing the saturation by 10% instead.

 43, 59.100, 4.544  43, 59.100, 4.544


 100, 59.100, 4.544  33, 59.100, 4.544

 63, 59.100, 4.544  23, 59.100, 4.544

 73, 59.100, 4.544  13, 59.100, 4.544

 83, 59.100, 4.544  3, 59.100, 4.544

 93, 59.100, 4.544  0, 59.100, 4.544

 43, 59.100, 4.544  43, 59.100, 4.544

 41, 63.491, 8.387  46, 53.227, 1.510

 40, 66.476, 13.136  49, 46.148,
359.107

 39, 67.541, 15.029

■ 53, 38.253,
357.175

■ 58, 29.924,
355.588

■ 62, 21.465,
354.253

■ 67, 13.087,
353.101

■ 72, 4.919, 352.052

■ 78, 2.967, 171.405

■ 83, 10.541,
170.513

Harmonies

Complementary

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



43, 59.100, 4.544



68, 51.551, 161.959

Rectangle

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



43, 59.100, 4.544



43, 59.100, 54.544



43, 59.100, 184.544



43, 59.100, 234.544

Sweetspot

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



43, 59.097, 4.546



81, 23.254, 353.914



39, 83.198, 316.261



41, 16.297, 354.356



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, 59.097, 4.546



52, 79.766, 11.284



45, 61.682, 38.140



37, 4.578, 352.384



33, 59.685, 14.277



3, 13.118, 359.224

Inverse Universe

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



43, 59.097, 4.546



52, 79.766, 11.284



63, 32.535, 216.224



37, 4.578, 352.384



33, 59.685, 14.277



3, 13.118, 359.224

Previews

White Background



This preview shows how the CIELCh color 43, 59.100, 4.544 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, 59.100, 4.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

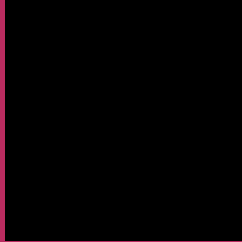
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 59.100, 4.544

Background



This preview shows how black text looks on a background with the CIELCh color 43, 59.100, 4.544.

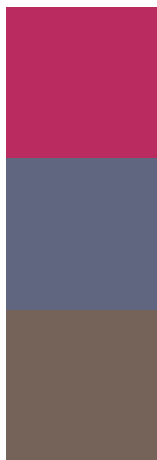


This preview shows how white text looks on a background with the CIELCh color 43, 59.100, 4.544.

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, 59.100, 4.544

Protanopia

43, 16.291, 286.040

Deuteranopia

43, 9.998, 56.667



Tritanopia
43, 59.530, 28.962

Trichromacy



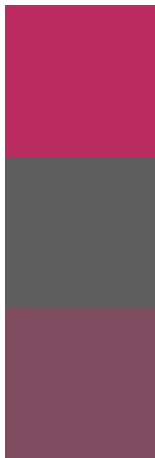
Original Color
43, 59.100, 4.544

Protanomaly
41, 28.945, 335.502

Deuteranomaly
41, 28.289, 8.292

Tritanomaly
43, 58.303, 20.247

Monochromacy



Original Color
43, 59.100, 4.544

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 24.793, 356.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 59.100, 4.544 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(186, 44, 96)` looks like.

```
.text, #text, p{  
    color:rgb(186, 44, 96)  
}
```

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(186, 44, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 44, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 59.100, 4.544 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(186, 44, 96) }
```

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

```
.border{ border-color:rgb(186, 44, 96) }
```

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

Here you see how a box with a 4 pixel rgb(186, 44, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 44, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 44, 96);  
box-shadow:4px 4px 4px 4px rgb(186, 44,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 59.100, 4.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 44, 96) }
```

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

```
.background{ background-color: rgb(186, 44,  
96) }
```

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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