

Converting Colors

CIE LCh(43, 59.502, 1.982)

Have a look what the booklet for
CIELCh(43, 59.502, 1.982) contains.

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Color

CIELCh(43, 59.318, 2.267)

Conversions

Conversions Part 1

Format	Color
Hex	BA2C64
RGB	186, 44, 100
RGB Percent	73%, 17%, 39%
CMY	0.2706, 0.8275, 0.6079
CMYK	0.00, 0.76, 0.46, 0.27
HSL	336°, 62%, 45%
HSV	336°, 76%, 73%
XYZ	23.4467, 13.1578, 13.3579
YIQ	92.8420, 66.6560, 47.5200

Conversions

Conversions Part 2

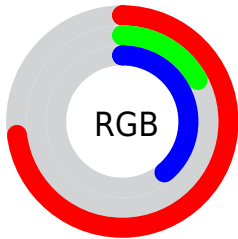
Format	Color
R_{YB}	186, 44, 100
Decimal	12201060
CIE _{Lab}	43.00, 59.27, 2.35
CIE _{LCh}	43, 59.318, 2.267
Yxy	13.1578, 0.4693, 0.2634
Android (android.graphics.Color)	4290391140 (0xFFBA2C64)
YUV	92.8420, 3.5289, 81.6996
Hunter-Lab	36.2736, 51.9006, 3.5578

Details

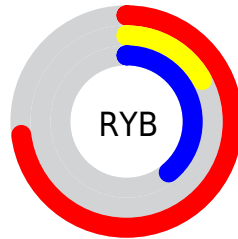
The CIELCh color **43, 59.318, 2.267** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **67, 53.096, 160.085**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 59.444, 2.193**, and **26, 50.364, 7.482** is the 20% darker color. If you saturate the color by 10%, you get **41, 63.456, 5.937**, and if you desaturate by 10%, it is **46, 53.611, 359.373**.

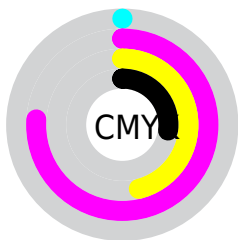
Distribution



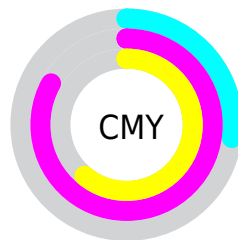
- Red (73%)
- Green (17%)
- Blue (39%)



- Red (73%)
- Yellow (17%)
- Blue (39%)



- Cyan (0%)
- Magenta (76%)
- Yellow (46%)
- Black (27%)





- Cyan (27%)
- Magenta (83%)
- Yellow (61%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 59.318, 2.267 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, 59.318, 2.267 by changing the saturation by 10% instead.

 43, 59.318, 2.267  43, 59.318, 2.267


 100, 59.318, 2.267  33, 59.318, 2.267



 63, 59.318, 2.267  23, 59.318, 2.267



 73, 59.318, 2.267  13, 59.318, 2.267

 83, 59.318, 2.267  3, 59.318, 2.267

 93, 59.318, 2.267  0, 59.318, 2.267

 43, 59.318, 2.267  43, 59.318, 2.267

 41, 63.456, 5.937  46, 53.611,
359.373

 40, 66.095, 10.496  49, 46.622,
357.076

 39, 66.978, 12.245

■ 53, 38.756,
355.222

■ 58, 30.405,
353.691

■ 62, 21.883,
352.396

■ 67, 13.412,
351.272

■ 72, 5.127, 350.246

■ 77, 2.892, 169.606

■ 83, 10.611,
168.719

Harmonies

Complementary

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



43, 59.318, 2.267



67, 53.096, 160.085

Rectangle

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



43, 59.318, 2.267



43, 59.318, 52.267



43, 59.318, 182.267



43, 59.318, 232.267

Sweetspot

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



43, 59.315, 2.268



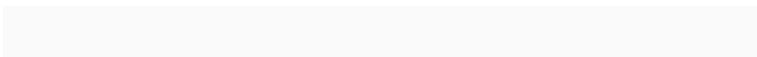
81, 23.605, 352.047



38, 83.376, 315.296



41, 16.534, 352.477



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, 59.315, 2.268



52, 79.825, 9.127



44, 62.825, 36.510



36, 4.551, 350.551



33, 58.604, 11.450



2, 11.595, 356.718

Inverse Universe

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



43, 59.315, 2.268



52, 79.825, 9.127



65, 33.271, 210.801



36, 4.551, 350.551



33, 58.604, 11.450



2, 11.595, 356.718

Previews

White Background



This preview shows how the CIELCh color 43, 59.318, 2.267 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, 59.318, 2.267 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, 59.318, 2.267

Background



This preview shows how black text looks on a background with the CIELCh color 43, 59.318, 2.267.



This preview shows how white text looks on a background with the CIELCh color 43, 59.318, 2.267.

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, 59.318, 2.267

Protanopia

43, 19.323, 285.492

Deuteranopia

43, 8.247, 45.865



Tritanopia
43, 59.040, 28.769

Trichromacy



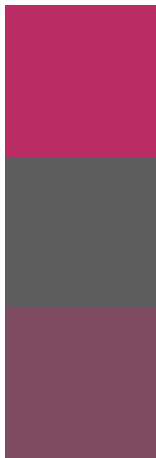
Original Color
43, 59.318, 2.267

Protanomaly
41, 30.609, 330.254

Deuteranomaly
41, 28.197, 3.152

Tritanomaly
43, 57.745, 19.379

Monochromacy



Original Color
43, 59.318, 2.267

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 25.212, 353.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 59.318, 2.267 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(186, 44, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 44, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 59.318, 2.267 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, 100) }
```

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

```
.border{ border-color:rgb(186, 44, 100) }
```

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, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 44, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 44, 100);  
box-shadow:4px 4px 4px 4px rgb(186, 44,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 59.318, 2.267 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, 100) }
```

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

```
.background{ background-color: rgb(186, 44,  
100) }
```

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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