

Converting Colors

CIELCh(41, 63.369, 5.683)

Have a look what the booklet for
CIELCh(41, 63.369, 5.683) contains.

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Color

CIELCh(41, 63.349, 5.857)

Conversions

Conversions Part 1

Format	Color
Hex	BA1A59
RGB	186, 26, 89
RGB Percent	73%, 10%, 35%
CMY	0.2712, 0.8990, 0.6515
CMYK	0.00, 0.86, 0.52, 0.27
HSL	336°, 76%, 41%
HSV	336°, 86%, 73%
XYZ	22.3703, 11.8645, 10.5332
YIQ	81.0220, 75.1370, 53.5130

Conversions

Conversions Part 2

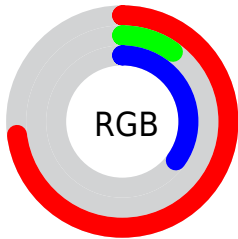
Format	Color
RYB	186, 26, 89
Decimal	12196441
CIELab	41.00, 63.02, 6.46
CIElCh	41, 63.349, 5.857
Yxy	11.8645, 0.4997, 0.2650
Android (android.graphics.Color)	4290386521 (0xFFBA1A59)
YUV	81.0220, 3.9332, 92.0657
Hunter-Lab	34.4449, 55.6484, 5.9807

Details

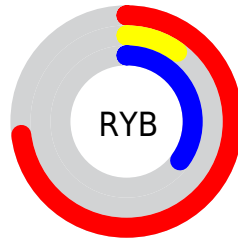
The CIELCh color **41, 63.349, 5.857** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **67, 57.406, 158.144**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 63.197, 5.661**, and **26, 50.642, 14.572** is the 20% darker color. If you saturate the color by 10%, you get **40, 66.007, 10.402**, and if you desaturate by 10%, it is **43, 59.173, 2.208**.

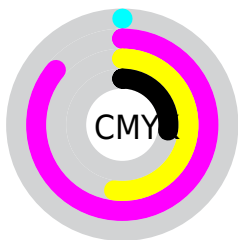
Distribution



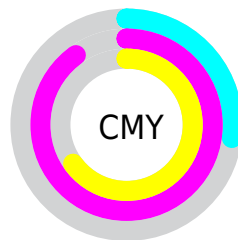
- Red (73%)
- Green (10%)
- Blue (35%)



- Red (73%)
- Yellow (10%)
- Blue (35%)



- Cyan (0%)
- Magenta (86%)
- Yellow (52%)
- Black (27%)



- Cyan (27%)
- Magenta (90%)
- Yellow (65%)


Brightness & Saturation Gradients



These gradients show how the CIELCh color 41, 63.349, 5.857 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 41, 63.349, 5.857 by changing the saturation by 10% instead.

 41, 63.349, 5.857  41, 63.349, 5.857

 100, 63.349, 5.857  31, 63.349, 5.857

 61, 63.349, 5.857  21, 63.349, 5.857

 71, 63.349, 5.857  11, 63.349, 5.857

 81, 63.349, 5.857  1, 63.349, 5.857

 91, 63.349, 5.857  0, 63.349, 5.857

 41, 63.349, 5.857  41, 63.349, 5.857

 40, 66.007, 10.402  43, 59.173, 2.208

 39, 66.937, 12.250  46, 53.442,
359.326

49, 46.435,
357.040

53, 38.560,
355.194

58, 30.208,
353.668

62, 21.692,
352.377

67, 13.229,
351.256

72, 4.956, 350.230

77, 3.051, 169.587

Harmonies

Complementary

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



41, 63.349, 5.857



67, 57.406, 158.144

Rectangle

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



41, 63.349, 5.857



41, 63.349, 55.857



41, 63.349, 185.857



41, 63.349, 235.857

Sweetspot

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



41, 63.346, 5.859



79, 26.770, 352.412



35, 90.259, 315.132



40, 18.352, 352.841



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



41, 63.346, 5.859



52, 81.843, 13.224



41, 71.439, 38.676



36, 4.551, 350.556



33, 58.605, 11.458



2, 11.595, 356.723

Inverse Universe

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



41, 63.346, 5.859



52, 81.843, 13.224



64, 34.499, 212.006



36, 4.551, 350.556



33, 58.605, 11.458



2, 11.595, 356.723

Previews

White Background



This preview shows how the CIELCh color 41, 63.349, 5.857 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 CIE LCh color 41, 63.349, 5.857 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 41, 63.349, 5.857

Background



This preview shows how black text looks on a background with the CIELCh color 41, 63.349, 5.857.



This preview shows how white text looks on a background with the CIELCh color 41, 63.349, 5.857.

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

41, 63.349, 5.857

Protanopia

42, 17.035, 285.289

Deuteranopia

41, 11.707, 61.879



Tritanopia
41, 66.287, 32.457

Trichromacy



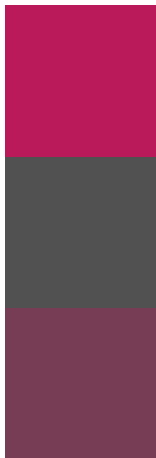
Original Color
41, 63.349, 5.857

Protanomaly
38, 32.459, 334.865

Deuteranomaly
39, 31.756, 8.853

Tritanomaly
41, 63.880, 23.225

Monochromacy



Original Color
41, 63.349, 5.857

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 28.312, 355.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 63.349, 5.857 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, 26, 89)` looks like.

```
.text, #text, p{  
    color:rgb(186, 26, 89)  
}
```

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, 26, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 26, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 63.349, 5.857 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, 26, 89) }
```

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

```
.border{ border-color:rgb(186, 26, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 26, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 26, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 26, 89);  
box-shadow:4px 4px 4px 4px rgb(186, 26,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 63.349, 5.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 26, 89) }
```

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

```
.background{ background-color: rgb(186, 26,  
89) }
```

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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