

Converting Colors

CIELCh(43, 67.926, 3.581)

Have a look what the booklet for
CIELCh(43, 67.926, 3.581) contains.

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Color

CIELCh(43, 67.845, 3.813)

Conversions

Conversions Part 1

Format	Color
Hex	C51261
RGB	197, 18, 97
RGB Percent	77%, 7%, 38%
CMY	0.2276, 0.9296, 0.6197
CMYK	0.00, 0.91, 0.51, 0.23
HSL	334°, 83%, 42%
HSV	334°, 91%, 77%
XYZ	25.3873, 13.1578, 12.5036
YIQ	80.5270, 81.3250, 62.5170

Conversions

Conversions Part 2

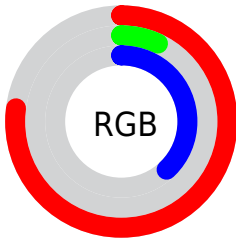
Format	Color
R_{YB}	197, 18, 97
Decimal	12915297
CIE _{Lab}	43.00, 67.69, 4.51
CIE _{LCh}	43, 67.845, 3.813
Yxy	13.1578, 0.4973, 0.2577
Android (android.graphics.Color)	4291105377 (0xFFC51261)
YUV	80.5270, 8.1212, 102.1468
Hunter-Lab	36.2736, 61.4504, 4.9541

Details

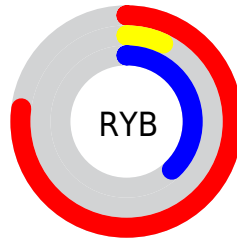
The CIELCh color **43, 67.845, 3.813** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **70, 65.311, 154.209**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 66.551, 3.181**, and **28, 53.252, 12.598** is the 20% darker color. If you saturate the color by 10%, you get **42, 69.527, 7.879**, and if you desaturate by 10%, it is **45, 64.712, 0.063**.

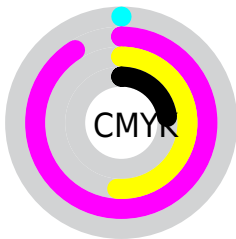
Distribution



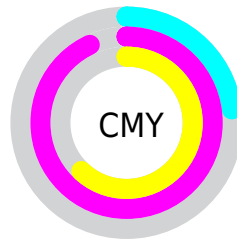
- Red (77%)
- Green (7%)
- Blue (38%)



- Red (77%)
- Yellow (7%)
- Blue (38%)



- Cyan (0%)
- Magenta (91%)
- Yellow (51%)
- Black (23%)



- Cyan (23%)
- Magenta (93%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 67.845, 3.813 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, 67.845, 3.813 by changing the saturation by 10% instead.

 43, 67.845, 3.813  43, 67.845, 3.813

 100, 67.845, 3.813  33, 67.845, 3.813

 63, 67.845, 3.813  23, 67.845, 3.813


 73, 67.845, 3.813  13, 67.845, 3.813

 83, 67.845, 3.813  3, 67.845, 3.813

 93, 67.845, 3.813  0, 67.845, 3.813

 43, 67.845, 3.813  43, 67.845, 3.813

 42, 69.527, 7.879  45, 64.712, 0.063

 47, 59.748,
357.101

50, 53.140,
354.757

54, 45.297,
352.870

59, 36.674,
351.315

63, 27.664,
350.001

68, 18.560,
348.864

74, 9.557, 347.850

79, 0.773, 346.463

Harmonies

Complementary

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



43, 67.845, 3.813



70, 65.311, 154.209

Rectangle

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



43, 67.845, 3.813



43, 67.845, 53.813



43, 67.845, 183.813



43, 67.845, 233.813

Sweetspot

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



43, 67.842, 3.814



83, 29.758, 349.589



34, 97.855, 313.582



42, 20.095, 350.000



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 67.842, 3.814



54, 84.489, 8.717



42, 79.986, 38.454



39, 5.007, 347.703



35, 60.460, 7.140



4, 17.344, 356.494

Inverse Universe

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



43, 67.842, 3.814



54, 84.489, 8.717



70, 38.213, 204.067



39, 5.007, 347.703



35, 60.460, 7.140



4, 17.344, 356.494

Previews

White Background



This preview shows how the CIELCh color 43, 67.845, 3.813 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, 67.845, 3.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

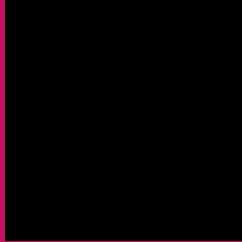
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 67.845, 3.813

Background



This preview shows how black text looks on a background with the CIELCh color 43, 67.845, 3.813.

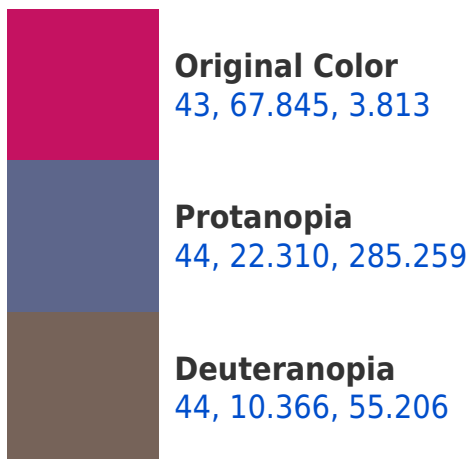


This preview shows how white text looks on a background with the CIELCh color 43, 67.845, 3.813.

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





Tritanopia
43, 70.245, 33.003

Trichromacy



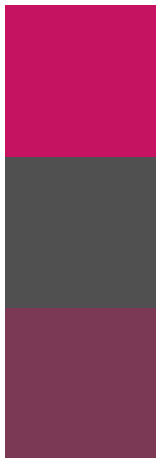
Original Color
43, 67.845, 3.813

Protanomaly
39, 38.744, 330.400

Deuteranomaly
40, 34.918, 3.952

Tritanomaly
43, 67.400, 22.787

Monochromacy



Original Color
43, 67.845, 3.813

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 32.456, 353.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 67.845, 3.813 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(197, 18, 97)` looks like.

```
.text, #text, p{  
    color:rgb(197, 18, 97)  
}
```

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(197, 18, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 18, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 67.845, 3.813 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(197, 18, 97) }
```

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

```
.border{ border-color:rgb(197, 18, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 18, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 18, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 18, 97);  
box-shadow:4px 4px 4px 4px rgb(197, 18,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 67.845, 3.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 18, 97) }
```

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

```
.background{ background-color: rgb(197, 18,  
97) }
```

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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