

Converting Colors

CIELCh(43, 67.243, 2.766)

Have a look what the booklet for
CIELCh(43, 67.243, 2.766) contains.

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Color

CIELCh(43, 67.243, 2.766)

Conversions

Conversions Part 1

Format	Color
Hex	C41563
RGB	196, 21, 99
RGB Percent	77%, 8%, 39%
CMY	0.2316, 0.9181, 0.6120
CMYK	0.00, 0.89, 0.49, 0.23
HSL	333°, 81%, 43%
HSV	333°, 89%, 77%
XYZ	25.2621, 13.1578, 12.9988
YIQ	82.2170, 79.2620, 61.3580

Conversions

Conversions Part 2

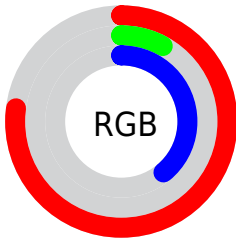
Format	Color
R_{YB}	196, 21, 99
Decimal	12850531
CIE _{Lab}	43.00, 67.16, 3.24
CIE _{LCh}	43, 67.243, 2.766
Yxy	13.1578, 0.4913, 0.2559
Android (android.graphics.Color)	4291040611 (0xFFC41563)
YUV	82.2170, 8.2740, 99.7877
Hunter-Lab	36.2736, 60.8343, 4.1447

Details

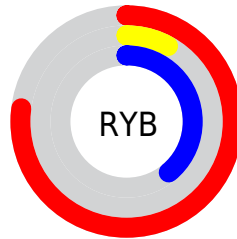
The CIELCh color **43, 67.243, 2.766** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **70, 64.680, 154.302**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 66.306, 2.441**, and **28, 53.112, 11.208** is the 20% darker color. If you saturate the color by 10%, you get **42, 69.119, 7.128**, and if you desaturate by 10%, it is **45, 63.867, 359.188**.

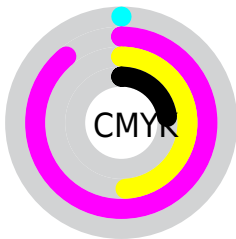
Distribution



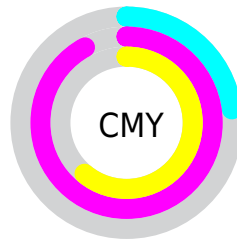
- Red (77%)
- Green (8%)
- Blue (39%)



- Red (77%)
- Yellow (8%)
- Blue (39%)



- Cyan (0%)
- Magenta (89%)
- Yellow (49%)
- Black (23%)



- Cyan (23%)
- Magenta (92%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 67.243, 2.766 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, 67.243, 2.766 by changing the saturation by 10% instead.

 43, 67.243, 2.766  43, 67.243, 2.766

 100, 67.243, 2.766  33, 67.243, 2.766


 63, 67.243, 2.766  23, 67.243, 2.766



 73, 67.243, 2.766  13, 67.243, 2.766

 83, 67.243, 2.766  3, 67.243, 2.766

 93, 67.243, 2.766  0, 67.243, 2.766

 43, 67.243, 2.766  43, 67.243, 2.766

 42, 69.119, 7.128  45, 63.867,
359.188

 42, 69.243, 7.422  47, 58.663,
356.365

51, 51.866,
354.124

55, 43.903,
352.313

59, 35.224,
350.813

64, 26.206,
349.539

69, 17.126,
348.431

74, 8.167, 347.435

79, 0.564, 167.362

Harmonies

Complementary

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



43, 67.243, 2.766



70, 64.680, 154.302

Rectangle

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



43, 67.243, 2.766



43, 67.243, 52.766



43, 67.243, 182.766



43, 67.243, 232.766

Sweetspot

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



43, 67.240, 2.767



83, 29.834, 349.316



35, 96.637, 313.654



42, 20.144, 349.725



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, 67.240, 2.767



55, 84.464, 8.272



42, 78.526, 38.065



38, 4.914, 347.437



34, 59.760, 6.641



3, 15.401, 355.533

Inverse Universe

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



43, 67.240, 2.767



55, 84.464, 8.272



69, 37.953, 203.963



38, 4.914, 347.437



34, 59.760, 6.641



3, 15.401, 355.533

Previews

White Background



This preview shows how the CIELCh color 43, 67.243, 2.766 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, 67.243, 2.766 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, 67.243, 2.766

Background



This preview shows how black text looks on a background with the CIELCh color 43, 67.243, 2.766.

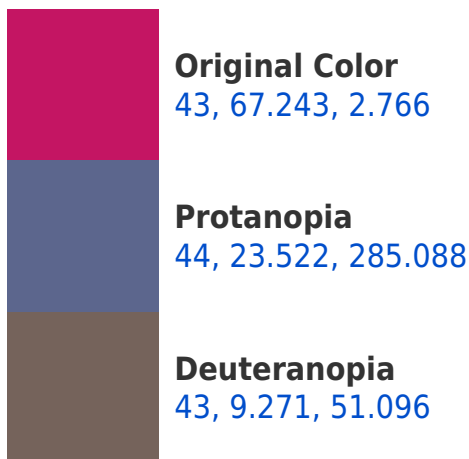


This preview shows how white text looks on a background with the CIELCh color 43, 67.243, 2.766.

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, 68.931, 32.570

Trichromacy



Original Color
43, 67.243, 2.766

Protanomaly
40, 38.144, 328.769

Deuteranomaly
40, 34.213, 2.188

Tritanomaly
43, 66.304, 21.997

Monochromacy



Original Color
43, 67.243, 2.766

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 31.143, 352.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 67.243, 2.766 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(196, 21, 99)` looks like.

```
.text, #text, p{  
    color:rgb(196, 21, 99)  
}
```

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(196, 21, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 21, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 67.243, 2.766 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(196, 21, 99) }
```

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

```
.border{ border-color:rgb(196, 21, 99) }
```

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

Here you see how a box with a 4 pixel rgb(196, 21, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 21, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 21, 99);  
box-shadow:4px 4px 4px 4px rgb(196, 21,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 67.243, 2.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 21, 99) }
```

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

```
.background{ background-color: rgb(196, 21,  
99) }
```

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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