

Converting Colors

CIELCh(43, 70.180, 2.234)

Have a look what the booklet for
CIELCh(43, 70.180, 2.234) contains.

CIELCh(43, 70.127, 2.083)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(43, 70.127, 2.083)

Conversions

Conversions Part 1

Format	Color
Hex	C70364
RGB	199, 3, 100
RGB Percent	78%, 1%, 39%
CMY	0.2187, 0.9892, 0.6071
CMYK	0.00, 0.99, 0.50, 0.22
HSL	330°, 97%, 40%
HSV	330°, 99%, 78%
XYZ	25.9558, 13.1578, 13.2764
YIQ	72.6620, 85.6790, 71.7190

Conversions

Conversions Part 2

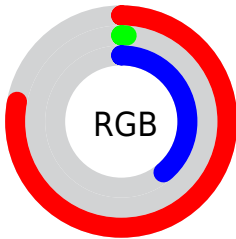
Format	Color
R_{YB}	199, 3, 100
Decimal	13042532
CIE Lab	43.00, 70.08, 2.55
CIE LCh	43, 70.127, 2.083
Yxy	13.1578, 0.4954, 0.2512
Android (android.graphics.Color)	4291232612 (0xFFC70364)
YUV	72.6620, 13.4776, 110.7984
Hunter-Lab	36.2736, 64.2479, 3.6910

Details

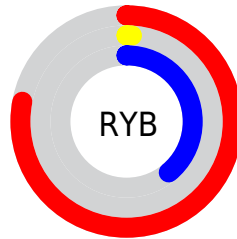
The CIELCh color **43, 70.127, 2.083** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **71, 73.222, 149.520**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 68.392, 0.597**, and **29, 53.671, 11.134** is the 20% darker color. If you saturate the color by 10%, you get **43, 70.307, 2.639**, and if you desaturate by 10%, it is **44, 68.633, 358.224**.

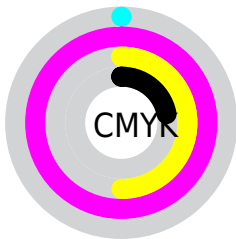
Distribution



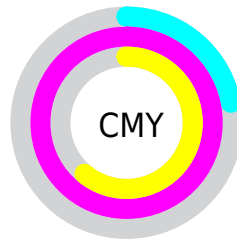
- Red (78%)
- Green (1%)
- Blue (39%)



- Red (78%)
- Yellow (1%)
- Blue (39%)



- Cyan (0%)
- Magenta (99%)
- Yellow (50%)
- Black (22%)



- Cyan (22%)
- Magenta (99%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 70.127, 2.083 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, 70.127, 2.083 by changing the saturation by 10% instead.


 43, 70.127, 2.083  43, 70.127, 2.083

 100, 70.127, 2.083  33, 70.127, 2.083



 63, 70.127, 2.083  23, 70.127, 2.083


 73, 70.127, 2.083  13, 70.127, 2.083

 83, 70.127, 2.083  3, 70.127, 2.083

 93, 70.127, 2.083  0, 70.127, 2.083

 43, 70.127, 2.083  43, 70.127, 2.083

 43, 70.307, 2.639  44, 68.633,
358.224

 46, 65.373,
355.101

■ 49, 60.124,
352.633

■ 52, 53.172,
350.657

■ 56, 44.978,
349.040

■ 61, 36.011,
347.682

■ 65, 26.665,
346.512

■ 70, 17.226,
345.480

■ 76, 7.885, 344.539

Harmonies

Complementary

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



43, 70.127, 2.083



71, 73.222, 149.520

Rectangle

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



43, 70.127, 2.083



43, 70.127, 52.083



43, 70.127, 182.083



43, 70.127, 232.083

Sweetspot

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



43, 70.123, 2.084



81, 34.177, 346.713



32, 103.079, 311.909



40, 23.334, 347.206



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, 70.123, 2.084



55, 84.586, 3.346



42, 86.038, 39.616



39, 5.187, 344.609



35, 60.695, 1.948



4, 17.817, 353.234

Inverse Universe

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



43, 70.123, 2.084



55, 84.586, 3.346



73, 41.537, 196.392



39, 5.187, 344.609



35, 60.695, 1.948



4, 17.817, 353.234

Previews

White Background



This preview shows how the CIELCh color 43, 70.127, 2.083 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, 70.127, 2.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

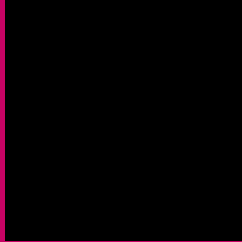
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 70.127, 2.083

Background



This preview shows how black text looks on a background with the CIELCh color 43, 70.127, 2.083.



This preview shows how white text looks on a background with the CIELCh color 43, 70.127, 2.083.

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, 70.034, 2.124

Protanopia

44, 25.904, 285.588

Deuteranopia

44, 9.251, 51.105



Tritanopia
43, 71.755, 33.672

Trichromacy



Original Color
43, 70.034, 2.124

Protanomaly
38, 44.021, 327.375

Deuteranomaly
39, 38.185, 359.169

Tritanomaly
43, 69.260, 22.085

Monochromacy



Original Color
43, 70.034, 2.124

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 36.161, 350.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 70.127, 2.083 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(199, 3, 100)` looks like.

```
.text, #text, p{  
    color:rgb(199, 3, 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(199, 3, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 3, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 70.127, 2.083 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(199, 3, 100) }
```

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

```
.border{ border-color:rgb(199, 3, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 3, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 3, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 3, 100);  
box-shadow:4px 4px 4px 4px rgb(199, 3,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 70.127, 2.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 3, 100) }
```

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

```
.background{ background-color: rgb(199, 3,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor