

Converting Colors

CIELCh(43, 71.535, 355.769)

Have a look what the booklet for
CIELCh(43, 71.535, 355.769)
contains.

CIELCh(43, 71.328, 355.648)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 71.328, 355.648)

Conversions

Conversions Part 1

Format	Color
Hex	C60071
RGB	198, 0, 113
RGB Percent	78%, 0%, 44%
CMY	0.2242, 1.0000, 0.5574
CMYK	0.00, 1.00, 0.43, 0.22
HSL	326°, 100%, 39%
HSV	326°, 100%, 78%
XYZ	26.2067, 13.1578, 16.7373
YIQ	72.0840, 81.7350, 77.1190

Conversions

Conversions Part 2

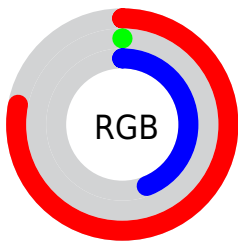
Format	Color
RYB	198, 0, 113
Decimal	12976241
CIELab	43.00, 71.12, -5.41
CIELCh	43, 71.328, 355.648
Yxy	13.1578, 0.4671, 0.2345
Android (android.graphics.Color)	4291166321 (0xFFC60071)
YUV	72.0840, 20.1716, 110.4283
Hunter-Lab	36.2736, 65.4824, -1.9659

Details

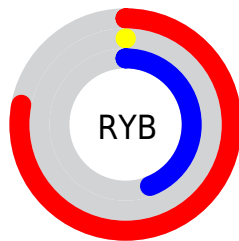
The CIELCh color **43, 71.328, 355.648** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **70, 79.001, 145.759**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 70.152, 354.460**, and **29, 53.564, 3.588** is the 20% darker color. If you saturate the color by 10%, you get **43, 71.274, 355.666**, and if you desaturate by 10%, it is **44, 70.343, 352.534**.

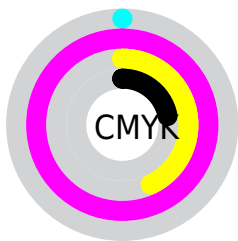
Distribution



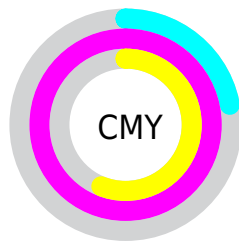
- Red (78%)
- Green (0%)
- Blue (44%)



- Red (78%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 71.328, 355.648 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, 71.328, 355.648 by changing the saturation by 10% instead.

 43, 71.328,
355.648

 43, 71.328,
355.648


 100, 71.328,
355.648

 33, 71.328,
355.648

 63, 71.328,
355.648

 23, 71.328,
355.648

 73, 71.328,
355.648

 13, 71.328,
355.648

 83, 71.328,
355.648

 3, 71.328, 355.648

 93, 71.328,
355.648

 0, 71.328, 355.648

 43, 71.328,

 43, 71.328,

355.648

355.648

■ 43, 71.274,
355.666

■ 44, 70.343,
352.534

■ 46, 67.625,
349.957

■ 48, 62.749,
347.899

■ 51, 55.992,
346.226

■ 55, 47.820,
344.831

■ 60, 38.724,
343.636

■ 64, 29.126,
342.586

■ 69, 19.341,
341.645

Harmonies

Complementary

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



43, 71.328, 355.648



70, 79.001, 145.759

Rectangle

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



43, 71.328, 355.648



43, 71.328, 45.648



43, 71.328, 175.648



43, 71.328, 225.648

Sweetspot

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



43, 71.274, 355.666



81, 35.794, 342.631



29, 104.964, 310.120



41, 24.411, 343.067



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, 71.274, 355.666



55, 86.091, 356.250



41, 82.903, 36.852



39, 5.459, 340.725



35, 61.930, 355.133



4, 18.637, 348.632

Inverse Universe

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



43, 71.274, 355.666



55, 86.091, 356.250



72, 44.661, 184.389



39, 5.459, 340.725



35, 61.930, 355.133



4, 18.637, 348.632

Previews

White Background



This preview shows how the CIELCh color 43, 71.328, 355.648 looks on a white background.

Color Contrast Check

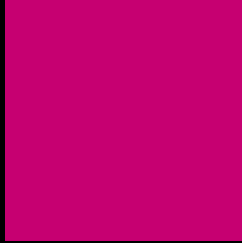
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.328, 355.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

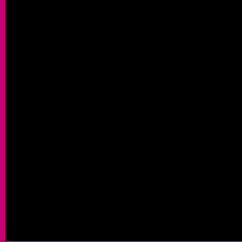
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 71.328, 355.648

Background



This preview shows how black text looks on a background with the CIELCh color 43, 71.328, 355.648.



This preview shows how white text looks on a background with the CIELCh color 43, 71.328, 355.648.

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, 71.328, 355.648

Protanopia

44, 36.114, 285.532

Deuteranopia

44, 5.730, 1.914



Tritanopia
44, 68.397, 32.248

Trichromacy



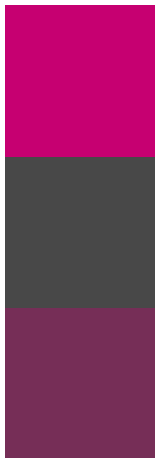
Original Color
43, 71.328, 355.648

Protanomaly
38, 51.281, 319.377

Deuteranomaly
39, 39.925, 347.334

Tritanomaly
43, 66.820, 18.240

Monochromacy



Original Color
43, 71.328, 355.648

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 37.496, 346.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 71.328, 355.648 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(198, 0, 113)` looks like.

```
.text, #text, p{  
    color:rgb(198, 0, 113)  
}
```

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(198, 0, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 71.328, 355.648 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(198, 0, 113) }
```

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

```
.border{ border-color:rgb(198, 0, 113) }
```

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

Here you see how a box with a 4 pixel rgb(198, 0, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 113);  
box-shadow:4px 4px 4px 4px rgb(198, 0,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 71.328, 355.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 0, 113) }
```

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

```
.background{ background-color: rgb(198, 0,  
113) }
```

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