

Converting Colors

CIELCh(43, 70.736, 355.976)

Have a look what the booklet for
CIELCh(43, 70.736, 355.976)
contains.

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Color

CIELCh(43, 70.613, 355.966)

Conversions

Conversions Part 1

Format	Color
Hex	C50470
RGB	197, 4, 112
RGB Percent	77%, 2%, 44%
CMY	0.2269, 0.9825, 0.5603
CMYK	0.00, 0.98, 0.43, 0.23
HSL	326°, 96%, 40%
HSV	326°, 98%, 77%
XYZ	26.0417, 13.1578, 16.5296
YIQ	74.0190, 80.3600, 74.5040

Conversions

Conversions Part 2

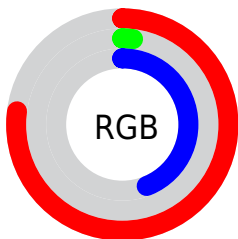
Format	Color
R_{YB}	197, 4, 112
Decimal	12911728
CIE Lab	43.00, 70.44, -4.97
CIE LCh	43, 70.613, 355.966
Yxy	13.1578, 0.4673, 0.2361
Android (android.graphics.Color)	4291101808 (0xFFC50470)
YUV	74.0190, 18.7246, 107.8543
Hunter-Lab	36.2736, 64.6706, -1.6264

Details

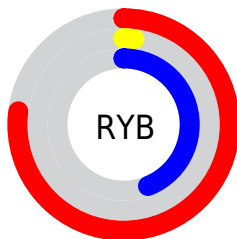
The CIELCh color **43, 70.613, 355.966** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **70, 76.864, 146.749**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 69.600, 355.024**, and **29, 53.264, 3.916** is the 20% darker color. If you saturate the color by 10%, you get **43, 70.804, 356.723**, and if you desaturate by 10%, it is **44, 69.385, 352.808**.

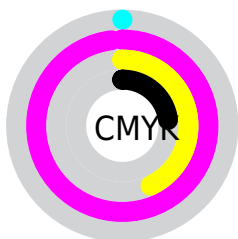
Distribution



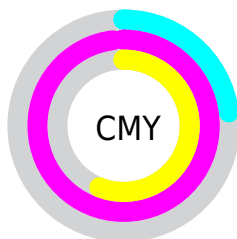
- Red (77%)
- Green (2%)
- Blue (44%)



- Red (77%)
- Yellow (2%)
- Blue (44%)



- Cyan (0%)
- Magenta (98%)
- Yellow (43%)
- Black (23%)





- Cyan (23%)
- Magenta (98%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 70.613, 355.966 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, 70.613, 355.966 by changing the saturation by 10% instead.


 43, 70.613,
355.966


 43, 70.613,
355.966


 100, 70.613,
355.966

 33, 70.613,
355.966

 63, 70.613,
355.966

 23, 70.613,
355.966

 73, 70.613,
355.966

 13, 70.613,
355.966

 83, 70.613,
355.966

 3, 70.613, 355.966

 93, 70.613,
355.966

 0, 70.613, 355.966

 43, 70.613,

 43, 70.613,

355.966

■ 43, 70.804,
356.723

355.966

■ 44, 69.385,
352.808

■ 46, 66.156,
350.268

■ 49, 60.832,
348.238

■ 52, 53.749,
346.586

■ 56, 45.385,
345.205

■ 61, 36.216,
344.019

■ 65, 26.639,
342.976

■ 70, 16.941,
342.040

Harmonies

Complementary

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



43, 70.613, 355.966



70, 76.864, 146.749

Rectangle

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



43, 70.613, 355.966



43, 70.613, 45.966



43, 70.613, 175.966



43, 70.613, 225.966

Sweetspot

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



43, 70.609, 355.967



82, 34.337, 343.146



30, 103.270, 310.529



41, 23.563, 343.591



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, 70.609, 355.967



55, 85.753, 357.339



41, 82.180, 36.881



39, 5.414, 341.312



35, 61.669, 356.177



4, 18.494, 349.365

Inverse Universe

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



43, 70.609, 355.967



55, 85.753, 357.339



72, 43.568, 186.834



39, 5.414, 341.312



35, 61.669, 356.177



4, 18.494, 349.365

Previews

White Background



This preview shows how the CIELCh color 43, 70.613, 355.966 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, 70.613, 355.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

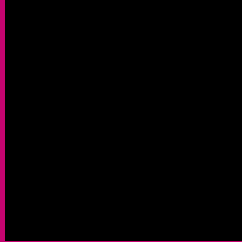
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 70.613, 355.966

Background



This preview shows how black text looks on a background with the CIELCh color 43, 70.613, 355.966.

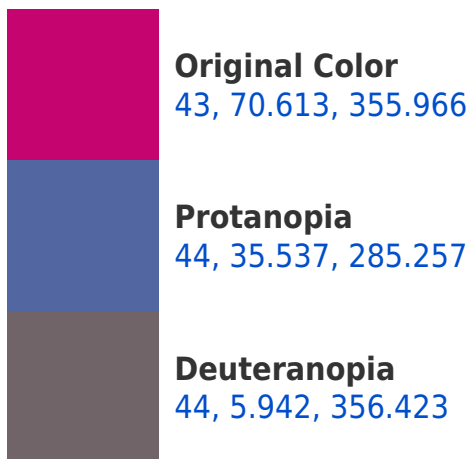


This preview shows how white text looks on a background with the CIELCh color 43, 70.613, 355.966.

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
44, 68.666, 32.659

Trichromacy



Original Color
43, 70.613, 355.966

Protanomaly
38, 49.518, 319.424

Deuteranomaly
39, 39.360, 347.586

Tritanomaly
43, 66.785, 18.882

Monochromacy



Original Color
43, 70.613, 355.966

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 36.359, 346.475

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 70.613, 355.966 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, 4, 112)` looks like.

```
.text, #text, p{  
    color:rgb(197, 4, 112)  
}
```

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, 4, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 4, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 70.613, 355.966 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, 4, 112) }
```

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

```
.border{ border-color:rgb(197, 4, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 4, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 4, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 4, 112);  
box-shadow:4px 4px 4px 4px rgb(197, 4,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 70.613, 355.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 4, 112) }
```

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

```
.background{ background-color: rgb(197, 4,  
112) }
```

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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