

Converting Colors

CIELCh(43, 68.967, 4.966)

Have a look what the booklet for
CIELCh(43, 68.967, 4.966) contains.

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Color

CIELCh(43, 69.105, 4.908)

Conversions

Conversions Part 1

Format	Color
Hex	C70A5F
RGB	199, 10, 95
RGB Percent	78%, 4%, 37%
CMY	0.2205, 0.9594, 0.6282
CMYK	0.00, 0.95, 0.52, 0.22
HSL	333°, 90%, 41%
HSV	333°, 95%, 78%
XYZ	25.6619, 13.1578, 11.9709
YIQ	76.2010, 85.3590, 66.5030

Conversions

Conversions Part 2

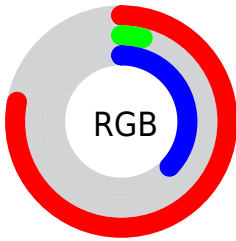
Format	Color
R_{YB}	199, 10, 95
Decimal	13044319
CIE _{Lab}	43.00, 68.85, 5.91
CIE _{LCh}	43, 69.105, 4.908
Yxy	13.1578, 0.5052, 0.2591
Android (android.graphics.Color)	4291234399 (0xFFC70A5F)
YUV	76.2010, 9.2679, 107.6947
Hunter-Lab	36.2736, 62.8016, 5.8249

Details

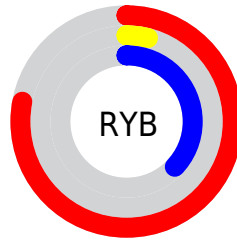
The CIELCh color **43, 69.105, 4.908** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **71, 67.910, 152.928**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 67.184, 3.721**, and **28, 54.083, 14.554** is the 20% darker color. If you saturate the color by 10%, you get **43, 69.988, 7.242**, and if you desaturate by 10%, it is **44, 66.705, 0.866**.

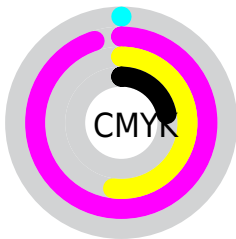
Distribution



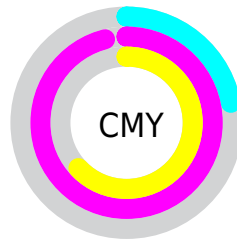
- Red (78%)
- Green (4%)
- Blue (37%)



- Red (78%)
- Yellow (4%)
- Blue (37%)



- Cyan (0%)
- Magenta (95%)
- Yellow (52%)
- Black (22%)



- Cyan (22%)
- Magenta (96%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 69.105, 4.908 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, 69.105, 4.908 by changing the saturation by 10% instead.

 43, 69.105, 4.908  43, 69.105, 4.908

 100, 69.105, 4.908  33, 69.105, 4.908

 63, 69.105, 4.908  23, 69.105, 4.908


 73, 69.105, 4.908  13, 69.105, 4.908

 83, 69.105, 4.908  3, 69.105, 4.908

 93, 69.105, 4.908  0, 69.105, 4.908

 43, 69.105, 4.908  43, 69.105, 4.908

 43, 69.988, 7.242  44, 66.705, 0.866

 47, 62.467,
357.659

■ 50, 56.440,
355.129

■ 53, 48.976,
353.106

■ 57, 40.537,
351.453

■ 62, 31.554,
350.068

■ 67, 22.363,
348.878

■ 72, 13.203,
347.830

■ 78, 4.220, 346.843

Harmonies

Complementary

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



43, 69.105, 4.908



71, 67.910, 152.928

Rectangle

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



43, 69.105, 4.908



43, 69.105, 54.908



43, 69.105, 184.908



43, 69.105, 234.908

Sweetspot

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



43, 69.101, 4.910



82, 31.001, 349.290



34, 100.311, 313.356



41, 21.449, 349.816



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, 69.101, 4.910



55, 84.453, 8.037



42, 83.069, 39.289



39, 5.029, 347.301



35, 60.457, 6.480



4, 17.398, 356.090

Inverse Universe

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



43, 69.101, 4.910



55, 84.453, 8.037



70, 38.673, 204.345



39, 5.029, 347.301



35, 60.457, 6.480



4, 17.398, 356.090

Previews

White Background



This preview shows how the CIELCh color 43, 69.105, 4.908 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 CIE LCh color 43, 69.105, 4.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

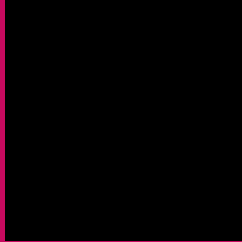
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 69.105, 4.908

Background



This preview shows how black text looks on a background with the CIELCh color 43, 69.105, 4.908.



This preview shows how white text looks on a background with the CIELCh color 43, 69.105, 4.908.

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, 69.197, 4.862

Protanopia

44, 21.096, 285.491

Deuteranopia

44, 11.512, 58.467



Tritanopia
43, 72.482, 34.222

Trichromacy



Original Color
43, 69.197, 4.862

Protanomaly
39, 39.359, 332.006

Deuteranomaly
40, 36.649, 4.597

Tritanomaly
43, 69.374, 23.884

Monochromacy



Original Color
43, 69.197, 4.862

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 34.004, 353.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 69.105, 4.908 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, 10, 95)` looks like.

```
.text, #text, p{  
    color:rgb(199, 10, 95)  
}
```

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, 10, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 10, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 69.105, 4.908 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, 10, 95) }
```

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

```
.border{ border-color:rgb(199, 10, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 10, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 10, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 10, 95);  
box-shadow:4px 4px 4px 4px rgb(199, 10,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 69.105, 4.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 10, 95) }
```

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

```
.background{ background-color: rgb(199, 10,  
95) }
```

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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