

Converting Colors

CIELCh(43, 69.332, 6.250)

Have a look what the booklet for
CIELCh(43, 69.332, 6.250) contains.

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Color

CIELCh(43, 69.243, 6.296)

Conversions

Conversions Part 1

Format	Color
Hex	C70A5C
RGB	199, 10, 92
RGB Percent	78%, 4%, 36%
CMY	0.2187, 0.9619, 0.6385
CMYK	0.00, 0.95, 0.54, 0.22
HSL	334°, 91%, 41%
HSV	334°, 95%, 78%
XYZ	25.6557, 13.1578, 11.3517
YIQ	75.8590, 86.3220, 65.5700

Conversions

Conversions Part 2

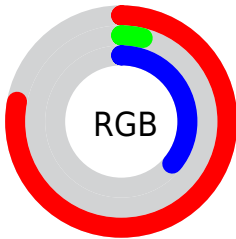
Format	Color
R_{YB}	199, 10, 92
Decimal	13044316
CIE _{Lab}	43.00, 68.83, 7.59
CIE _{LCh}	43, 69.243, 6.296
Yxy	13.1578, 0.5114, 0.2623
Android (android.graphics.Color)	4291234396 (0xFFC70A5C)
YUV	75.8590, 7.9575, 107.9947
Hunter-Lab	36.2736, 62.7709, 6.8369

Details

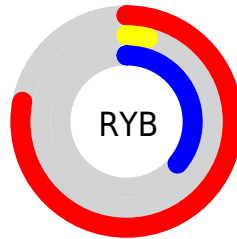
The CIELCh color **43, 69.243, 6.296** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **71, 67.193, 153.602**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 67.031, 5.124**, and **28, 54.310, 15.907** is the 20% darker color. If you saturate the color by 10%, you get **43, 70.147, 8.537**, and if you desaturate by 10%, it is **44, 66.779, 2.106**.

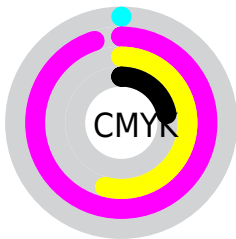
Distribution



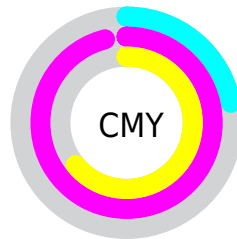
- Red (78%)
- Green (4%)
- Blue (36%)



- Red (78%)
- Yellow (4%)
- Blue (36%)



- Cyan (0%)
- Magenta (95%)
- Yellow (54%)
- Black (22%)



- Cyan (22%)
- Magenta (96%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 69.243, 6.296 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, 69.243, 6.296 by changing the saturation by 10% instead.

 43, 69.243, 6.296  43, 69.243, 6.296

 100, 69.243, 6.296  33, 69.243, 6.296

 63, 69.243, 6.296  23, 69.243, 6.296


 73, 69.243, 6.296  13, 69.243, 6.296

 83, 69.243, 6.296  3, 69.243, 6.296

 93, 69.243, 6.296  0, 69.243, 6.296

 43, 69.243, 6.296  43, 69.243, 6.296

 43, 70.147, 8.537  44, 66.779, 2.106

 47, 62.526,
358.776

■ 49, 56.507,
356.151

■ 53, 49.064,
354.057

■ 57, 40.651,
352.353

■ 62, 31.698,
350.930

■ 67, 22.544,
349.713

■ 72, 13.424,
348.646

■ 78, 4.488, 347.648

Harmonies

Complementary

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



43, 69.243, 6.296



71, 67.193, 153.602

Rectangle

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



43, 69.243, 6.296



43, 69.243, 56.296



43, 69.243, 186.296



43, 69.243, 236.296

Sweetspot

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



43, 69.239, 6.298



81, 31.895, 350.215



34, 100.616, 313.332



41, 21.932, 350.752



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, 69.239, 6.298



54, 84.535, 9.343



42, 83.404, 39.351



39, 4.987, 348.076



35, 60.470, 7.747



4, 17.295, 356.863

Inverse Universe

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



43, 69.239, 6.298



54, 84.535, 9.343



70, 38.751, 204.370



39, 4.987, 348.076



35, 60.470, 7.747



4, 17.295, 356.863

Previews

White Background



This preview shows how the CIELCh color 43, 69.243, 6.296 looks on a white background.

Color Contrast Check

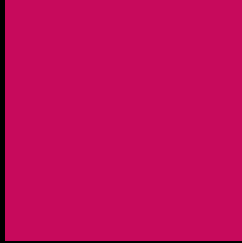
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69.243, 6.296 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, 69.243, 6.296

Background



This preview shows how black text looks on a background with the CIELCh color 43, 69.243, 6.296.



This preview shows how white text looks on a background with the CIELCh color 43, 69.243, 6.296.

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, 69.154, 6.343

Protanopia

44, 18.700, 285.110

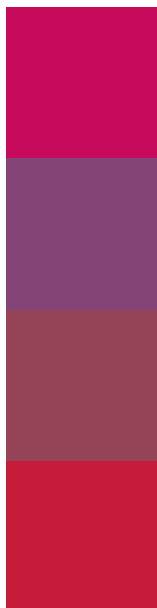
Deuteranopia

44, 13.128, 62.861



Tritanopia
43, 73.483, 34.267

Trichromacy



Original Color
43, 69.154, 6.343

Protanomaly
39, 38.552, 334.897

Deuteranomaly
40, 36.872, 7.703

Tritanomaly
43, 70.445, 24.665

Monochromacy



Original Color
43, 69.154, 6.343

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 33.797, 354.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 69.243, 6.296 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(199, 10, 92)  
}
```

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, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 10, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 69.243, 6.296 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, 92) }
```

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

```
.border{ border-color:rgb(199, 10, 92) }
```

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, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 10, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 10, 92);  
box-shadow:4px 4px 4px 4px rgb(199, 10,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 69.243, 6.296 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, 92) }
```

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

```
.background{ background-color: rgb(199, 10,  
92) }
```

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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