

Converting Colors

CIELCh(40, 78.967, 1.609)

Have a look what the booklet for
CIELCh(40, 78.967, 1.609) contains.

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Color

CIELCh(43, 70.334, 5.150)

Conversions

Conversions Part 1

Format	Color
Hex	C8015E
RGB	200, 1, 94
RGB Percent	78%, 0%, 37%
CMY	0.2144, 0.9961, 0.6304
CMYK	0.00, 0.99, 0.53, 0.21
HSL	332°, 99%, 39%
HSV	332°, 99%, 79%
XYZ	25.9485, 13.1578, 11.8212
YIQ	71.1030, 88.7510, 71.1110

Conversions

Conversions Part 2

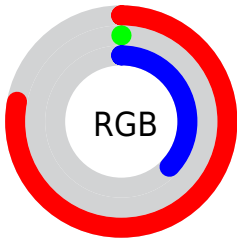
Format	Color
RYB	200, 1, 94
Decimal	13107550
CIELab	43.00, 70.05, 6.31
CIELCh	43, 70.334, 5.150
Yxy	13.1578, 0.5095, 0.2584
Android (android.graphics.Color)	4291297630 (0xFFC8015E)
YUV	71.1030, 11.2882, 113.0427
Hunter-Lab	36.2736, 64.2118, 6.0695

Details

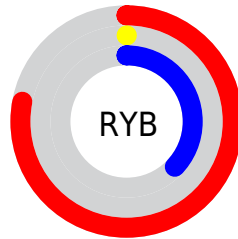
The CIELCh color **43, 70.334, 5.150** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **71, 71.762, 150.788**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 67.869, 3.798**, and **29, 54.411, 14.833** is the 20% darker color. If you saturate the color by 10%, you get **43, 70.412, 5.366**, and if you desaturate by 10%, it is **44, 68.675, 0.965**.

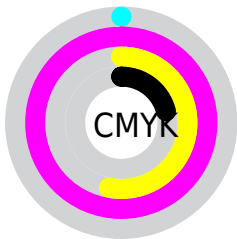
Distribution



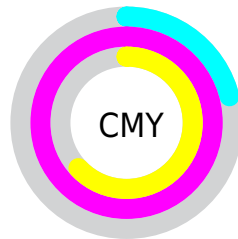
- Red (78%)
- Green (0%)
- Blue (37%)



- Red (78%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (99%)
- Yellow (53%)
- Black (21%)




- Cyan (21%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 70.334, 5.150 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, 70.334, 5.150 by changing the saturation by 10% instead.

 43, 70.334, 5.150  43, 70.334, 5.150

 100, 70.334, 5.150  33, 70.334, 5.150

 63, 70.334, 5.150  23, 70.334, 5.150


 73, 70.334, 5.150  13, 70.334, 5.150

 83, 70.334, 5.150  3, 70.334, 5.150

 93, 70.334, 5.150  0, 70.334, 5.150

 43, 70.334, 5.150  43, 70.334, 5.150

 43, 70.412, 5.366  44, 68.675, 0.965

 46, 65.436,
357.537

■ 48, 60.262,
354.832

■ 52, 53.403,
352.681

■ 56, 45.301,
350.936

■ 60, 36.425,
349.484

■ 65, 27.169,
348.246

■ 70, 17.823,
347.163

■ 76, 8.582, 346.187

Harmonies

Complementary

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



43, 70.334, 5.150



71, 71.762, 150.788

Rectangle

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



43, 70.334, 5.150



43, 70.334, 55.150



43, 70.334, 185.150



43, 70.334, 235.150

Sweetspot

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



43, 70.330, 5.152



81, 33.622, 348.353



32, 103.518, 312.247



40, 22.966, 348.867



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, 70.330, 5.152



55, 84.427, 6.102



42, 86.678, 40.018



39, 5.092, 346.175



35, 60.501, 4.608



4, 17.561, 354.927

Inverse Universe

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



43, 70.330, 5.152



55, 84.427, 6.102



72, 40.784, 199.017



39, 5.092, 346.175



35, 60.501, 4.608



4, 17.561, 354.927

Previews

White Background



This preview shows how the CIELCh color 43, 70.334, 5.150 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, 70.334, 5.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

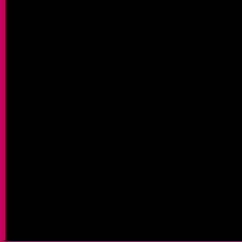
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 70.334, 5.150

Background



This preview shows how black text looks on a background with the CIELCh color 43, 70.334, 5.150.



This preview shows how white text looks on a background with the CIELCh color 43, 70.334, 5.150.

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, 70.244, 5.195

Protanopia

44, 20.473, 285.121

Deuteranopia

44, 12.326, 62.477



Tritanopia
44, 73.702, 34.484

Trichromacy



Original Color
43, 70.244, 5.195

Protanomaly
38, 41.024, 332.944

Deuteranomaly
39, 38.421, 4.364

Tritanomaly
43, 70.882, 24.096

Monochromacy



Original Color
43, 70.244, 5.195

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 35.501, 353.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 70.334, 5.150 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(200, 1, 94)` looks like.

```
.text, #text, p{  
    color:rgb(200, 1, 94)  
}
```

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(200, 1, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 1, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 70.334, 5.150 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(200, 1, 94) }
```

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

```
.border{ border-color:rgb(200, 1, 94) }
```

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

Here you see how a box with a 4 pixel rgb(200, 1, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 1, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 1, 94);  
box-shadow:4px 4px 4px 4px rgb(200, 1, 94)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 70.334, 5.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 1, 94) }
```

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

```
.background{ background-color: rgb(200, 1,  
94) }
```

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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