

Converting Colors

CIELCh(41, 69.215, 14.887)

Have a look what the booklet for
CIELCh(41, 69.215, 14.887) contains.

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Color

CIELCh(41, 69.147, 15.071)

Conversions

Conversions Part 1

Format	Color
Hex	C10247
RGB	193, 2, 71
RGB Percent	76%, 1%, 28%
CMY	0.2426, 0.9905, 0.7212
CMYK	0.00, 0.99, 0.63, 0.24
HSL	338°, 98%, 38%
HSV	338°, 99%, 76%
XYZ	23.1955, 11.8645, 7.0463
YIQ	66.9750, 91.6870, 61.9510

Conversions

Conversions Part 2

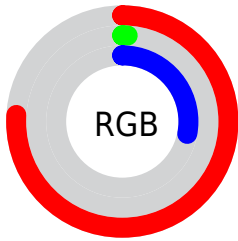
Format	Color
R_{YB}	193, 2, 71
Decimal	12649031
CIE Lab	41.00, 66.77, 17.98
CIE LCh	41, 69.147, 15.071
Yxy	11.8645, 0.5509, 0.2818
Android (android.graphics.Color)	4290839111 (0xFFC10247)
YUV	66.9750, 1.9843, 110.5239
Hunter-Lab	34.4449, 59.9250, 11.9827

Details

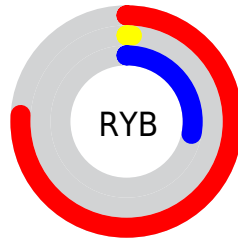
The CIELCh color **41, 69.147, 15.071** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **69, 61.400, 157.596**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **61, 68.721, 15.012**, and **26, 55.162, 26.031** is the 20% darker color. If you saturate the color by 10%, you get **41, 69.520, 15.702**, and if you desaturate by 10%, it is **42, 66.227, 10.102**.

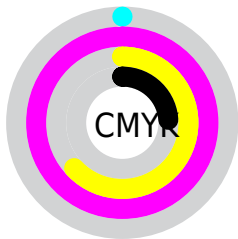
Distribution



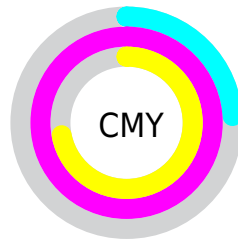
- Red (76%)
- Green (1%)
- Blue (28%)



- Red (76%)
- Yellow (1%)
- Blue (28%)



- Cyan (0%)
- Magenta (99%)
- Yellow (63%)
- Black (24%)



- Cyan (24%)
- Magenta (99%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 69.147, 15.071 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 41, 69.147, 15.071 by changing the saturation by 10% instead.

41, 69.147, 15.071

41, 69.147, 15.071

100, 69.147,
15.071

31, 69.147, 15.071

61, 69.147, 15.071

21, 69.147, 15.071

71, 69.147, 15.071

11, 69.147, 15.071

81, 69.147, 15.071

1, 69.147, 15.071

91, 69.147, 15.071

0, 69.147, 15.071

41, 69.147, 15.071

41, 69.147, 15.071

41, 69.520, 15.702

42, 66.227, 10.102

44, 62.079, 5.967

■ 47, 56.401, 2.691

■ 50, 49.393, 0.104

■ 54, 41.442,
358.038

■ 58, 32.955,
356.353

■ 63, 24.267,
354.947

■ 68, 15.620,
353.744

■ 73, 7.167, 352.676

Harmonies

Complementary

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



41, 69.147, 15.071



69, 61.400, 157.596

Rectangle

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



41, 69.147, 15.071



41, 69.147, 65.071



41, 69.147, 195.071



41, 69.147, 245.071

Sweetspot

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



41, 69.144, 15.073



79, 31.277, 355.174



34, 98.000, 315.388



39, 21.410, 355.759



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41, 69.144, 15.073



53, 84.657, 16.654



42, 81.741, 41.513



38, 4.666, 352.741



34, 60.494, 14.873



3, 14.880, 0.357

Inverse Universe

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



41, 69.144, 15.073



53, 84.657, 16.654



63, 35.473, 220.880



38, 4.666, 352.741



34, 60.494, 14.873



3, 14.880, 0.357

Previews

White Background



This preview shows how the CIELCh color 41, 69.147, 15.071 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 41, 69.147, 15.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

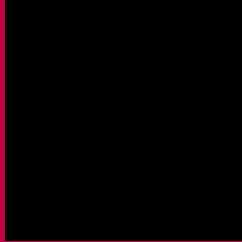
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 69.147, 15.071

Background



This preview shows how black text looks on a background with the CIELCh color 41, 69.147, 15.071.



This preview shows how white text looks on a background with the CIELCh color 41, 69.147, 15.071.

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

41, 69.147, 15.071

Protanopia

42, 3.662, 297.104

Deuteranopia

42, 22.562, 76.783



Tritanopia
41, 75.814, 36.469

Trichromacy



Original Color
41, 69.147, 15.071

Protanomaly
37, 33.610, 354.709

Deuteranomaly
38, 39.337, 22.459

Tritanomaly
41, 72.741, 29.552

Monochromacy



Original Color
41, 69.147, 15.071

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 33.051, 0.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 69.147, 15.071 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(193, 2, 71)` looks like.

```
.text, #text, p{  
  color:rgb(193, 2, 71)  
}
```

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(193, 2, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 2, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 69.147, 15.071 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(193, 2, 71) }
```

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

```
.border{ border-color:rgb(193, 2, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 2, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 2, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 2, 71);  
box-shadow:4px 4px 4px 4px rgb(193, 2, 71)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 69.147, 15.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 2, 71) }
```

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

```
.background{ background-color: rgb(193, 2,  
71) }
```

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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