

Converting Colors

CIELCh(41, 67.029, 11.345)

Have a look what the booklet for
CIELCh(41, 67.029, 11.345) contains.

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Color

CIELCh(41, 67.014, 11.160)

Conversions

Conversions Part 1

Format	Color
Hex	BF0C4F
RGB	191, 12, 79
RGB Percent	75%, 5%, 31%
CMY	0.2517, 0.9548, 0.6908
CMYK	0.00, 0.94, 0.59, 0.25
HSL	337°, 89%, 40%
HSV	337°, 94%, 75%
XYZ	22.9687, 11.8645, 8.4489
YIQ	73.1590, 85.1770, 58.7850

Conversions

Conversions Part 2

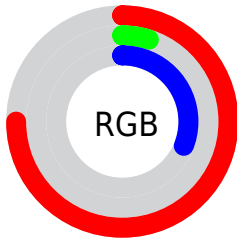
Format	Color
R_{YB}	191, 12, 79
Decimal	12520527
CIE Lab	41.00, 65.75, 12.97
CIE LCh	41, 67.014, 11.160
Yxy	11.8645, 0.5307, 0.2741
Android (android.graphics.Color)	4290710607 (0xFFBF0C4F)
YUV	73.1590, 2.8796, 103.3466
Hunter-Lab	34.4449, 58.7495, 9.5684

Details

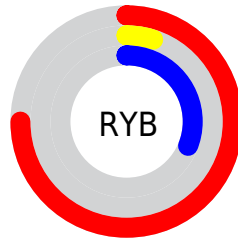
The CIELCh color **41, 67.014, 11.160** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **69, 60.330, 157.623**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 66.941, 10.955**, and **26, 53.446, 21.980** is the 20% darker color. If you saturate the color by 10%, you get **40, 68.577, 14.167**, and if you desaturate by 10%, it is **42, 63.823, 6.651**.

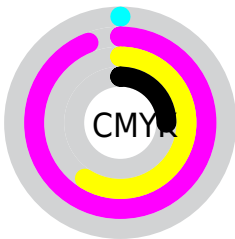
Distribution



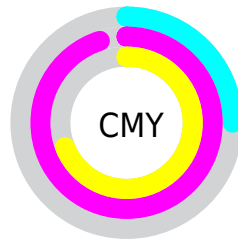
- Red (75%)
- Green (5%)
- Blue (31%)



- Red (75%)
- Yellow (5%)
- Blue (31%)



- Cyan (0%)
- Magenta (94%)
- Yellow (59%)
- Black (25%)



- Cyan (25%)
- Magenta (95%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 67.014, 11.160 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, 67.014, 11.160 by changing the saturation by 10% instead.

41, 67.014, 11.160

41, 67.014, 11.160

100, 67.014,
11.160

31, 67.014, 11.160

61, 67.014, 11.160

21, 67.014, 11.160

71, 67.014, 11.160

11, 67.014, 11.160

81, 67.014, 11.160

1, 67.014, 11.160

91, 67.014, 11.160

0, 67.014, 11.160

41, 67.014, 11.160

41, 67.014, 11.160

40, 68.577, 14.167

42, 63.823, 6.651

45, 59.093, 3.046

■ 48, 52.864, 0.203

■ 51, 45.455,
357.945

■ 55, 37.280,
356.120

■ 60, 28.722,
354.611

■ 65, 20.073,
353.332

■ 70, 11.532,
352.219

■ 75, 3.219, 351.160

Harmonies

Complementary

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



41, 67.014, 11.160



69, 60.330, 157.623

Rectangle

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



41, 67.014, 11.160



41, 67.014, 61.160



41, 67.014, 191.160



41, 67.014, 241.160

Sweetspot

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



41, 67.011, 11.162



80, 29.105, 353.881



34, 95.706, 315.219



40, 20.333, 354.454



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, 67.011, 11.162



53, 83.573, 15.122



41, 78.390, 40.512



37, 4.605, 351.741



33, 59.538, 13.325



3, 13.166, 358.683

Inverse Universe

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



41, 67.011, 11.162



53, 83.573, 15.122



64, 35.277, 216.427



37, 4.605, 351.741



33, 59.538, 13.325



3, 13.166, 358.683

Previews

White Background



This preview shows how the CIELCh color 41, 67.014, 11.160 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, 67.014, 11.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

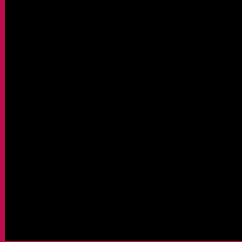
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 67.014, 11.160

Background



This preview shows how black text looks on a background with the CIELCh color 41, 67.014, 11.160.



This preview shows how white text looks on a background with the CIELCh color 41, 67.014, 11.160.

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, 67.014, 11.160

Protanopia

42, 9.726, 284.754

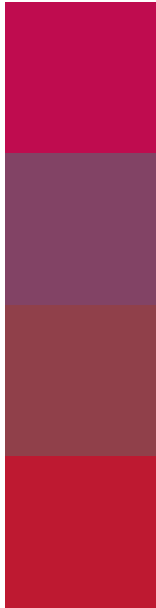
Deuteranopia

42, 17.711, 70.754



Tritanopia
41, 72.433, 35.013

Trichromacy



Original Color
41, 67.014, 11.160

Protanomaly
37, 32.483, 346.178

Deuteranomaly
38, 36.388, 16.861

Tritanomaly
41, 69.552, 27.049

Monochromacy



Original Color
41, 67.014, 11.160

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 31.374, 358.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 67.014, 11.160 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(191, 12, 79)` looks like.

```
.text, #text, p{  
    color:rgb(191, 12, 79)  
}
```

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(191, 12, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 12, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 67.014, 11.160 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(191, 12, 79) }
```

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

```
.border{ border-color:rgb(191, 12, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 12, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 12, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 12, 79);  
box-shadow:4px 4px 4px 4px rgb(191, 12,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 67.014, 11.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 12, 79) }
```

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

```
.background{ background-color: rgb(191, 12,  
79) }
```

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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