

Converting Colors

CIELCh(41, 67.783, 0.462)

Have a look what the booklet for
CIELCh(41, 67.783, 0.462) contains.

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Color

CIELCh(41, 67.808, 0.727)

Conversions

Conversions Part 1

Format	Color
Hex	BE0362
RGB	190, 3, 98
RGB Percent	75%, 1%, 38%
CMY	0.2555, 0.9897, 0.6161
CMYK	0.00, 0.99, 0.48, 0.26
HSL	329°, 97%, 38%
HSV	329°, 99%, 74%
XYZ	23.4266, 11.8645, 12.5821
YIQ	69.7430, 80.9570, 69.1890

Conversions

Conversions Part 2

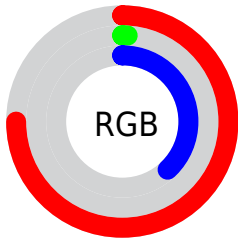
Format	Color
RYB	190, 3, 98
Decimal	12452706
CIELab	41.00, 67.80, 0.86
CIElCh	41, 67.808, 0.727
Yxy	11.8645, 0.4893, 0.2478
Android (android.graphics.Color)	4290642786 (0xFFBE0362)
YUV	69.7430, 13.9307, 105.4654
Hunter-Lab	34.4449, 61.1222, 2.4538

Details

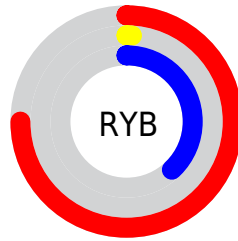
The CIELCh color **41, 67.808, 0.727** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **68, 71.451, 148.952**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 68.006, 0.974**, and **27, 51.316, 9.987** is the 20% darker color. If you saturate the color by 10%, you get **41, 67.980, 1.255**, and if you desaturate by 10%, it is **42, 66.390, 357.045**.

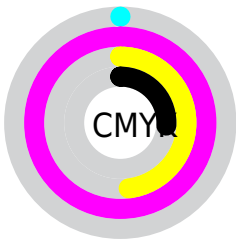
Distribution



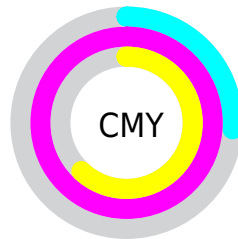
- Red (75%)
- Green (1%)
- Blue (38%)



- Red (75%)
- Yellow (1%)
- Blue (38%)



- Cyan (0%)
- Magenta (99%)
- Yellow (48%)
- Black (26%)





- Cyan (26%)
- Magenta (99%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 67.808, 0.727 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, 67.808, 0.727 by changing the saturation by 10% instead.

 41, 67.808, 0.727  41, 67.808, 0.727

 100, 67.808, 0.727  31, 67.808, 0.727



 61, 67.808, 0.727  21, 67.808, 0.727


 71, 67.808, 0.727  11, 67.808, 0.727

 81, 67.808, 0.727  1, 67.808, 0.727

 91, 67.808, 0.727  0, 67.808, 0.727

 41, 67.808, 0.727  41, 67.808, 0.727

 41, 67.980, 1.255  42, 66.390,
357.045

 44, 63.256,
354.059

■ 46, 58.187,
351.693

■ 50, 51.471,
349.793

■ 54, 43.552,
348.230

■ 58, 34.884,
346.911

■ 63, 25.841,
345.770

■ 67, 16.701,
344.760

■ 72, 7.649, 343.836

Harmonies

Complementary

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



41, 67.808, 0.727



68, 71.451, 148.952

Rectangle

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



41, 67.808, 0.727



41, 67.808, 50.727



41, 67.808, 180.727



41, 67.808, 230.727

Sweetspot

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



41, 67.805, 0.728



79, 33.602, 345.973



30, 99.721, 311.565



40, 23.124, 346.453



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, 67.805, 0.728



53, 82.813, 2.013



40, 82.250, 38.965



37, 5.010, 343.903



34, 59.446, 0.622



3, 14.018, 351.091

Inverse Universe

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



41, 67.805, 0.728



53, 82.813, 2.013



70, 40.561, 193.891



37, 5.010, 343.903



34, 59.446, 0.622



3, 14.018, 351.091

Previews

White Background



This preview shows how the CIELCh color 41, 67.808, 0.727 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 41, 67.808, 0.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

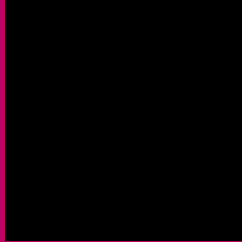
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 67.808, 0.727

Background



This preview shows how black text looks on a background with the CIELCh color 41, 67.808, 0.727.



This preview shows how white text looks on a background with the CIELCh color 41, 67.808, 0.727.

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, 67.808, 0.727

Protanopia

42, 26.152, 284.392

Deuteranopia

42, 8.044, 42.124



Tritanopia
41, 68.682, 33.421

Trichromacy



Original Color
41, 67.808, 0.727

Protanomaly
36, 43.110, 325.965

Deuteranomaly
37, 37.244, 356.085

Tritanomaly
41, 66.404, 21.695

Monochromacy



Original Color
41, 67.808, 0.727

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 34.775, 349.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 67.808, 0.727 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(190, 3, 98)` looks like.

```
.text, #text, p{  
  color:rgb(190, 3, 98)  
}
```

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(190, 3, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 3, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 67.808, 0.727 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(190, 3, 98) }
```

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

```
.border{ border-color:rgb(190, 3, 98) }
```

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

Here you see how a box with a 4 pixel rgb(190, 3, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 3, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 3, 98);  
box-shadow:4px 4px 4px 4px rgb(190, 3, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 67.808, 0.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 3, 98) }
```

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

```
.background{ background-color: rgb(190, 3,  
98) }
```

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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