

Converting Colors

CIELCh(41, 67.633, 1.525)

Have a look what the booklet for
CIELCh(41, 67.633, 1.525) contains.

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Color

CIELCh(41, 67.575, 1.772)

Conversions

Conversions Part 1

Format	Color
Hex	BE0460
RGB	190, 4, 96
RGB Percent	75%, 2%, 38%
CMY	0.2552, 0.9849, 0.6237
CMYK	0.00, 0.98, 0.49, 0.26
HSL	330°, 96%, 38%
HSV	330°, 98%, 74%
XYZ	23.3684, 11.8645, 12.1118
YIQ	70.1020, 81.3240, 68.0440

Conversions

Conversions Part 2

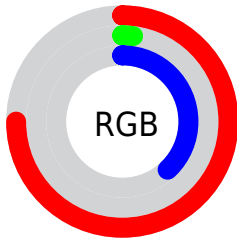
Format	Color
R_{YB}	190, 4, 96
Decimal	12452960
CIE _{Lab}	41.00, 67.54, 2.09
CIE _{LCh}	41, 67.575, 1.772
Yxy	11.8645, 0.4936, 0.2506
Android (android.graphics.Color)	4290643040 (0xFFBE0460)
YUV	70.1020, 12.7677, 105.1505
Hunter-Lab	34.4449, 60.8205, 3.2634

Details

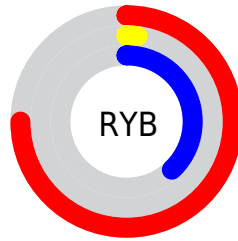
The CIELCh color **41, 67.575, 1.772** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **68, 70.193, 149.782**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 67.840, 1.891**, and **27, 51.426, 11.439** is the 20% darker color. If you saturate the color by 10%, you get **41, 67.848, 2.572**, and if you desaturate by 10%, it is **42, 66.001, 357.982**.

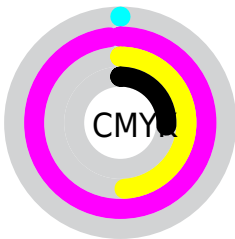
Distribution



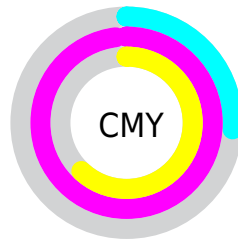
- Red (75%)
- Green (2%)
- Blue (38%)



- Red (75%)
- Yellow (2%)
- Blue (38%)



- Cyan (0%)
- Magenta (98%)
- Yellow (49%)
- Black (26%)



- Cyan (26%)
- Magenta (98%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 67.575, 1.772 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, 67.575, 1.772 by changing the saturation by 10% instead.


 41, 67.575, 1.772  41, 67.575, 1.772


 100, 67.575, 1.772  31, 67.575, 1.772



 61, 67.575, 1.772  21, 67.575, 1.772

 71, 67.575, 1.772  11, 67.575, 1.772

 81, 67.575, 1.772  1, 67.575, 1.772

 91, 67.575, 1.772  0, 67.575, 1.772

 41, 67.575, 1.772  41, 67.575, 1.772

 41, 67.848, 2.572  42, 66.001,
357.982

 44, 62.686,
354.928

■ 47, 57.477,
352.511

■ 50, 50.672,
350.572

■ 54, 42.717,
348.981

■ 58, 34.055,
347.642

■ 63, 25.054,
346.485

■ 68, 15.981,
345.464

■ 73, 7.013, 344.528

Harmonies

Complementary

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



41, 67.575, 1.772



68, 70.193, 149.782

Rectangle

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



41, 67.575, 1.772



41, 67.575, 51.772



41, 67.575, 181.772



41, 67.575, 231.772

Sweetspot

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



41, 67.572, 1.773



79, 32.203, 346.648



30, 99.128, 311.973



40, 22.300, 347.138



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, 67.572, 1.773



53, 82.655, 3.357



40, 82.610, 39.413



37, 4.963, 344.654



34, 59.297, 1.915



3, 13.910, 351.904

Inverse Universe

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



41, 67.572, 1.773



53, 82.655, 3.357



70, 40.038, 196.395



37, 4.963, 344.654



34, 59.297, 1.915



3, 13.910, 351.904

Previews

White Background



This preview shows how the CIELCh color 41, 67.575, 1.772 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, 67.575, 1.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

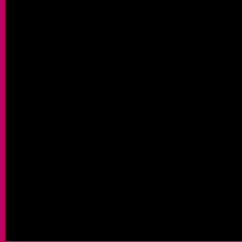
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 67.575, 1.772

Background



This preview shows how black text looks on a background with the CIELCh color 41, 67.575, 1.772.

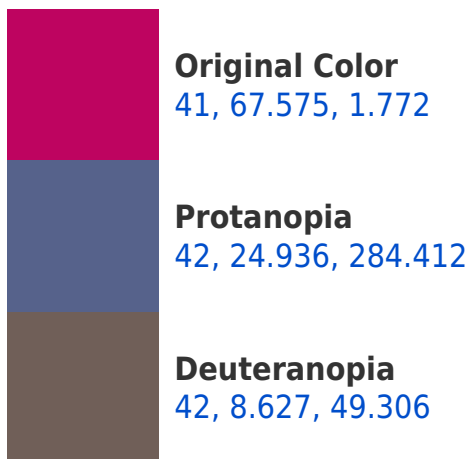


This preview shows how white text looks on a background with the CIELCh color 41, 67.575, 1.772.

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





Tritanopia
41, 69.141, 33.612

Trichromacy



Original Color
41, 67.575, 1.772

Protanomaly
37, 41.678, 327.357

Deuteranomaly
37, 36.393, 358.295

Tritanomaly
41, 66.583, 22.192

Monochromacy



Original Color
41, 67.575, 1.772

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 34.268, 351.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 67.575, 1.772 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, 4, 96)` looks like.

```
.text, #text, p{  
    color:rgb(190, 4, 96)  
}
```

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, 4, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 4, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 67.575, 1.772 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, 4, 96) }
```

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

```
.border{ border-color:rgb(190, 4, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 4, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 4, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 4, 96);  
box-shadow:4px 4px 4px 4px rgb(190, 4, 96)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 67.575, 1.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 4, 96) }
```

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

```
.background{ background-color: rgb(190, 4,  
96) }
```

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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