

Converting Colors

CIELCh(41, 68.094, 0.511)

Have a look what the booklet for
CIELCh(41, 68.094, 0.511) contains.

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Color

CIELCh(41, 68.010, 0.639)

Conversions

Conversions Part 1

Format	Color
Hex	BE0162
RGB	190, 1, 98
RGB Percent	75%, 0%, 38%
CMY	0.2546, 0.9952, 0.6155
CMYK	0.00, 0.99, 0.48, 0.25
HSL	329°, 99%, 38%
HSV	329°, 99%, 75%
XYZ	23.4722, 11.8645, 12.6217
YIQ	68.5690, 81.5070, 70.2350

Conversions

Conversions Part 2

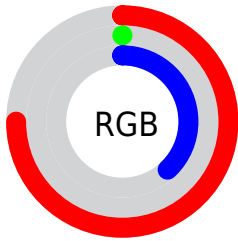
Format	Color
R_{YB}	190, 1, 98
Decimal	12452194
CIE _{Lab}	41.00, 68.01, 0.76
CIE _{LCh}	41, 68.010, 0.639
Yxy	11.8645, 0.4894, 0.2474
Android (android.graphics.Color)	4290642274 (0xFFBE0162)
YUV	68.5690, 14.5095, 106.4950
Hunter-Lab	34.4449, 61.3584, 2.3858

Details

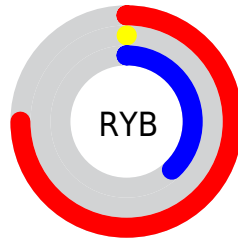
The CIELCh color **41, 68.010, 0.639** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **68, 72.124, 148.598**, and the grayscale version is **29, 0.005, 296.813**.

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, 68.087, 0.883**, and if you desaturate by 10%, it is **42, 66.681, 356.964**.

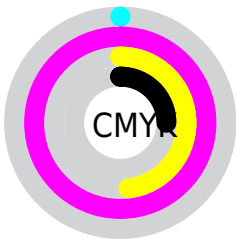
Distribution



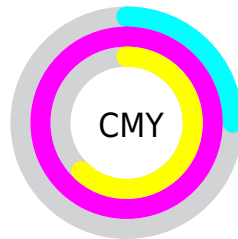
- Red (75%)
- Green (0%)
- Blue (38%)



- Red (75%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (99%)
- Yellow (48%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 68.010, 0.639 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, 68.010, 0.639 by changing the saturation by 10% instead.


 41, 68.010, 0.639  41, 68.010, 0.639

 100, 68.010, 0.639  31, 68.010, 0.639



 61, 68.010, 0.639  21, 68.010, 0.639

 71, 68.010, 0.639  11, 68.010, 0.639

 81, 68.010, 0.639  1, 68.010, 0.639

 91, 68.010, 0.639  0, 68.010, 0.639

 41, 68.010, 0.639  41, 68.010, 0.639

 41, 68.087, 0.883  42, 66.681,
356.964

 44, 63.706,
353.959

46, 58.776,
351.578

50, 52.161,
349.666

53, 44.301,
348.096

58, 35.654,
346.772

62, 26.604,
345.627

67, 17.436,
344.614

72, 8.342, 343.690

Harmonies

Complementary

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



41, 68.010, 0.639



68, 72.124, 148.598

Rectangle

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



41, 68.010, 0.639



41, 68.010, 50.639



41, 68.010, 180.639



41, 68.010, 230.639

Sweetspot

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



41, 68.007, 0.640



79, 33.683, 345.749



30, 100.135, 311.531



40, 23.178, 346.226



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, 68.007, 0.640



53, 82.868, 1.629



40, 82.724, 39.163



37, 5.023, 343.690



34, 59.495, 0.254



3, 14.050, 350.857

Inverse Universe

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



41, 68.007, 0.640



53, 82.868, 1.629



70, 40.643, 193.872



37, 5.023, 343.690



34, 59.495, 0.254



3, 14.050, 350.857

Previews

White Background



This preview shows how the CIELCh color 41, 68.010, 0.639 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, 68.010, 0.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

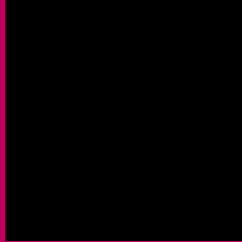
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 68.010, 0.639

Background



This preview shows how black text looks on a background with the CIELCh color 41, 68.010, 0.639.



This preview shows how white text looks on a background with the CIELCh color 41, 68.010, 0.639.

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, 68.010, 0.639

Protanopia

42, 26.739, 284.726

Deuteranopia

42, 7.898, 47.220



Tritanopia
41, 68.682, 33.421

Trichromacy



Original Color
41, 68.010, 0.639



Protanomaly
37, 43.582, 325.520



Deuteranomaly
38, 36.710, 356.481



Tritanomaly
41, 66.559, 21.560

Monochromacy



Original Color
41, 68.010, 0.639



Achromatopsia
29, 0.005, 296.813



Achromatomaly
29, 35.333, 348.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 68.010, 0.639 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, 1, 98)` looks like.

```
.text, #text, p{  
    color:rgb(190, 1, 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, 1, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 1, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 68.010, 0.639 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, 1, 98) }
```

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

```
.border{ border-color:rgb(190, 1, 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, 1, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 1, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 1, 98);  
box-shadow:4px 4px 4px 4px rgb(190, 1, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 68.010, 0.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 1, 98) }
```

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

```
.background{ background-color: rgb(190, 1,  
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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