

Converting Colors

CIELCh(41, 68.618, 359.534)

Have a look what the booklet for
CIELCh(41, 68.618, 359.534)
contains.

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Color

CIELCh(41, 68.270, 359.608)

Conversions

Conversions Part 1

Format	Color
Hex	BE0064
RGB	190, 0, 100
RGB Percent	75%, 0%, 39%
CMY	0.2550, 1.0000, 0.6079
CMYK	0.00, 1.00, 0.47, 0.25
HSL	328°, 100%, 37%
HSV	328°, 100%, 75%
XYZ	23.5312, 11.8645, 13.1035
YIQ	68.2100, 81.1400, 71.3800

Conversions

Conversions Part 2

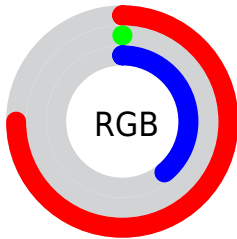
Format	Color
R_{YB}	190, 0, 100
Decimal	12451940
CIE Lab	41.00, 68.27, -0.47
CIE LCh	41, 68.270, 359.608
Yxy	11.8645, 0.4852, 0.2446
Android (android.graphics.Color)	4290642020 (0xFFBE0064)
YUV	68.2100, 15.6725, 106.8098
Hunter-Lab	34.4449, 61.6642, 1.5564

Details

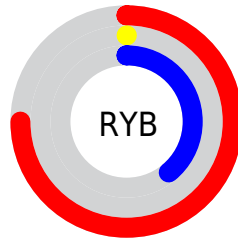
The CIELCh color **41, 68.270, 359.608** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **68, 73.369, 147.814**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 68.010, 359.392**, and **27, 51.246, 8.534** is the 20% darker color. If you saturate the color by 10%, you get **41, 68.266, 359.609**, and if you desaturate by 10%, it is **42, 67.071, 356.049**.

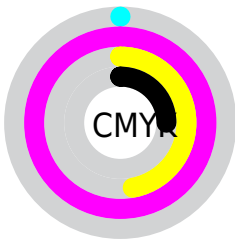
Distribution



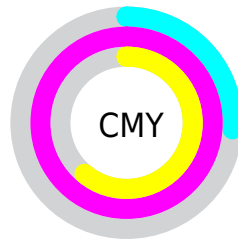
- Red (75%)
- Green (0%)
- Blue (39%)



- Red (75%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (25%)



- Cyan (26%)
- Magenta (100%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 68.270, 359.608 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, 68.270, 359.608 by changing the saturation by 10% instead.

 41, 68.270,
359.608

 41, 68.270,
359.608


 100, 68.270,
359.608

 31, 68.270,
359.608

 61, 68.270,
359.608

 21, 68.270,
359.608

 71, 68.270,
359.608


 11, 68.270,
359.608


 81, 68.270,
359.608

 1, 68.270, 359.608

 91, 68.270,
359.608

 0, 68.270, 359.608

 41, 68.270,

 41, 68.270,

359.608

359.608

■ 41, 68.266,
359.609

■ 42, 67.071,
356.049

■ 44, 64.275,
353.116

■ 46, 59.487,
350.788

■ 49, 52.965,
348.916

■ 53, 45.147,
347.374

■ 57, 36.498,
346.072

■ 62, 27.409,
344.943

■ 67, 18.177,
343.942

Harmonies

Complementary

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



41, 68.270, 359.608



68, 73.369, 147.814

Rectangle

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



41, 68.270, 359.608



41, 68.270, 49.608



41, 68.270, 179.608



41, 68.270, 229.608

Sweetspot

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



41, 68.266, 359.609



79, 33.963, 344.995



29, 100.751, 311.144



40, 23.366, 345.462



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, 68.266, 359.609



53, 83.088, 0.329



40, 82.356, 38.704



37, 5.069, 342.972



34, 59.684, 359.005



3, 14.163, 350.057

Inverse Universe

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



41, 68.266, 359.609



53, 83.088, 0.329



70, 41.245, 191.389



37, 5.069, 342.972



34, 59.684, 359.005



3, 14.163, 350.057

Previews

White Background



This preview shows how the CIELCh color 41, 68.270, 359.608 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, 68.270, 359.608 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, 68.270, 359.608

Background



This preview shows how black text looks on a background with the CIELCh color 41, 68.270, 359.608.



This preview shows how white text looks on a background with the CIELCh color 41, 68.270, 359.608.

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, 68.270, 359.608

Protanopia

42, 27.952, 284.732

Deuteranopia

42, 6.949, 40.319



Tritanopia
42, 68.220, 33.230

Trichromacy



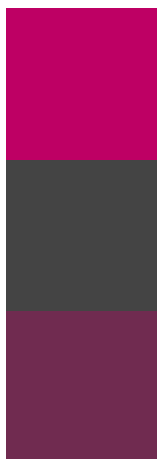
Original Color
41, 68.270, 359.608

Protanomaly
36, 45.167, 324.729

Deuteranomaly
37, 37.609, 354.338

Tritanomaly
41, 66.219, 20.556

Monochromacy



Original Color
41, 68.270, 359.608

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 35.606, 348.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 68.270, 359.608 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, 0, 100)` looks like.

```
.text, #text, p{  
    color:rgb(190, 0, 100)  
}
```

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, 0, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 0, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 68.270, 359.608 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, 0, 100) }
```

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

```
.border{ border-color:rgb(190, 0, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 0, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 0, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 0, 100);  
box-shadow:4px 4px 4px 4px rgb(190, 0,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 68.270, 359.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 0, 100) }
```

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

```
.background{ background-color: rgb(190, 0,  
100) }
```

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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