

Converting Colors

CIELCh(40, 68.468, 350.561)

Have a look what the booklet for
CIELCh(40, 68.468, 350.561)
contains.

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Color

CIELCh(40, 68.366, 350.723)

Conversions

Conversions Part 1

Format	Color
Hex	B60372
RGB	182, 3, 114
RGB Percent	71%, 1%, 45%
CMY	0.2858, 0.9867, 0.5525
CMYK	0.00, 0.98, 0.37, 0.29
HSL	323°, 96%, 36%
HSV	323°, 98%, 71%
XYZ	22.4014, 11.2510, 16.9425
YIQ	69.1750, 71.0530, 72.4690

Conversions

Conversions Part 2

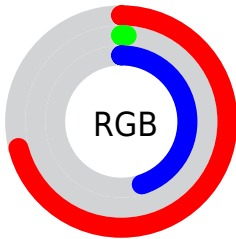
Format	Color
RYB	182, 3, 114
Decimal	11928434
CIELab	40.00, 67.47, -11.02
CIELCh	40, 68.366, 350.723
Yxy	11.2510, 0.4428, 0.2224
Android (android.graphics.Color)	4290118514 (0xFFB60372)
YUV	69.1750, 22.0987, 98.9475
Hunter-Lab	33.5425, 60.5124, -6.4680

Details

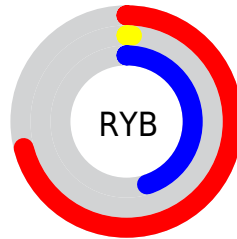
The CIELCh color **40, 68.366, 350.723** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **65, 76.475, 144.286**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 68.402, 350.528**, and **26, 50.026, 357.114** is the 20% darker color. If you saturate the color by 10%, you get **40, 68.505, 351.210**, and if you desaturate by 10%, it is **41, 67.302, 348.216**.

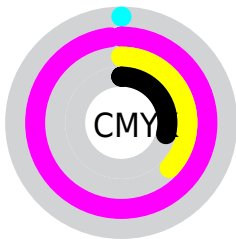
Distribution



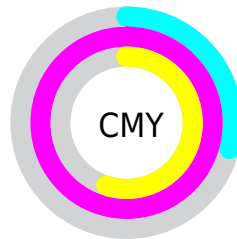
- Red (71%)
- Green (1%)
- Blue (45%)



- Red (71%)
- Yellow (1%)
- Blue (45%)



- Cyan (0%)
- Magenta (98%)
- Yellow (37%)
- Black (29%)



- Cyan (29%)
- Magenta (99%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 68.366, 350.723 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 40, 68.366, 350.723 by changing the saturation by 10% instead.

 40, 68.366,
350.723


 40, 68.366,
350.723

 100, 68.366,
350.723

 30, 68.366,
350.723

 60, 68.366,
350.723


 20, 68.366,
350.723

 70, 68.366,
350.723


 10, 68.366,
350.723

 80, 68.366,
350.723

 0, 68.366, 350.723

 90, 68.366,
350.723

 40, 68.366,

 40, 68.366,

350.723

■ 40, 68.505,
351.210

350.723

■ 41, 67.302,
348.216

■ 43, 64.314,
346.166

■ 45, 59.279,
344.499

■ 48, 52.521,
343.111

■ 52, 44.494,
341.924

■ 56, 35.650,
340.882

■ 61, 26.369,
339.946

■ 65, 16.934,
339.091

Harmonies

Complementary

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



40, 68.366, 350.723



65, 76.475, 144.286

Rectangle

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



40, 68.366, 350.723



40, 68.366, 40.723



40, 68.366, 170.723



40, 68.366, 220.723

Sweetspot

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



40, 68.363, 350.724



77, 33.683, 340.067



26, 98.685, 309.338



39, 23.286, 340.459



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40, 68.363, 350.724



52, 83.232, 351.751



38, 74.338, 33.161



36, 5.288, 338.383



34, 61.111, 350.827



3, 13.196, 343.894

Inverse Universe

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



40, 68.363, 350.724



52, 83.232, 351.751



67, 44.186, 178.438



36, 5.288, 338.383



34, 61.111, 350.827



3, 13.196, 343.894

Previews

White Background



This preview shows how the CIELCh color 40, 68.366, 350.723 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 40, 68.366, 350.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

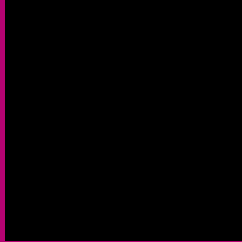
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 68.366, 350.723

Background



This preview shows how black text looks on a background with the CIELCh color 40, 68.366, 350.723.

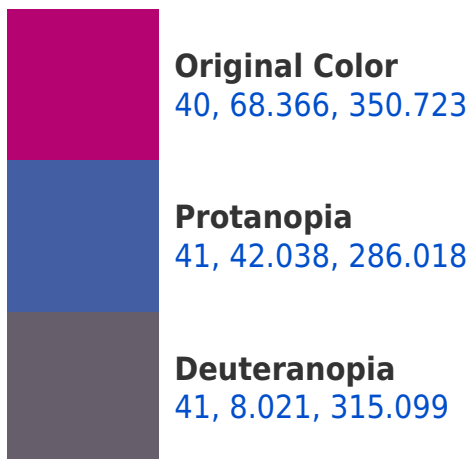


This preview shows how white text looks on a background with the CIELCh color 40, 68.366, 350.723.

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
40, 61.694, 30.823

Trichromacy



Original Color
40, 68.366, 350.723

Protanomaly
35, 53.489, 314.067

Deuteranomaly
36, 39.054, 339.008

Tritanomaly
40, 61.369, 14.982

Monochromacy



Original Color
40, 68.366, 350.723

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 35.422, 343.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 68.366, 350.723 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(182, 3, 114)` looks like.

```
.text, #text, p{  
    color:rgb(182, 3, 114)  
}
```

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(182, 3, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 3, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 68.366, 350.723 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(182, 3, 114) }
```

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

```
.border{ border-color:rgb(182, 3, 114) }
```

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

Here you see how a box with a 4 pixel rgb(182, 3, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 3, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 3, 114);  
box-shadow:4px 4px 4px 4px rgb(182, 3,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 68.366, 350.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 3, 114) }
```

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

```
.background{ background-color: rgb(182, 3,  
114) }
```

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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