

Converting Colors

CIELCh(40, 67.459, 358.422)

Have a look what the booklet for
CIELCh(40, 67.459, 358.422)
contains.

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Color

CIELCh(40, 67.193, 358.207)

Conversions

Conversions Part 1

Format	Color
Hex	B90064
RGB	185, 0, 100
RGB Percent	73%, 0%, 39%
CMY	0.2742, 0.9990, 0.6076
CMYK	0.00, 1.00, 0.46, 0.27
HSL	328°, 100%, 36%
HSV	328°, 100%, 73%
XYZ	22.3337, 11.2510, 13.0682
YIQ	66.7150, 78.1600, 70.3200

Conversions

Conversions Part 2

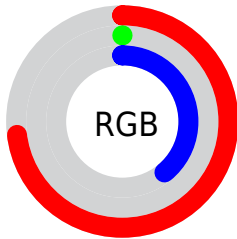
Format	Color
RYB	185, 0, 100
Decimal	12124260
CIELab	40.00, 67.16, -2.10
CIELCh	40, 67.193, 358.207
Yxy	11.2510, 0.4787, 0.2412
Android (android.graphics.Color)	4290314340 (0xFFB90064)
YUV	66.7150, 16.4095, 103.7359
Hunter-Lab	33.5425, 60.1519, 0.3803

Details

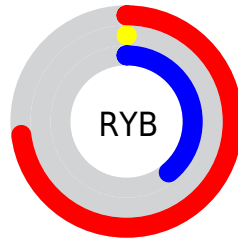
The CIELCh color **40, 67.193, 358.207** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **66, 72.802, 147.248**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **60, 67.386, 357.943**, and **26, 49.785, 6.757** is the 20% darker color. If you saturate the color by 10%, you get **40, 67.205, 358.256**, and if you desaturate by 10%, it is **41, 66.042, 354.821**.

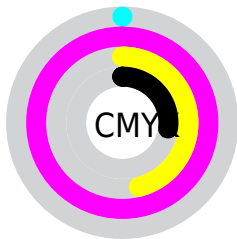
Distribution



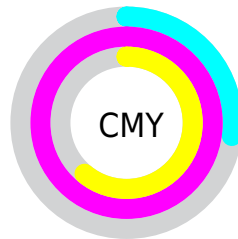
- Red (73%)
- Green (0%)
- Blue (39%)



- Red (73%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)
- Black (27%)





- Cyan (27%)
- Magenta (100%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 67.193, 358.207 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, 67.193, 358.207 by changing the saturation by 10% instead.


 40, 67.193,
358.207


 40, 67.193,
358.207

 100, 67.193,
358.207


 30, 67.193,
358.207

 60, 67.193,
358.207


 20, 67.193,
358.207

 70, 67.193,
358.207

 10, 67.193,
358.207

 80, 67.193,
358.207

 0, 67.193, 358.207

 90, 67.193,
358.207

 40, 67.193,

 40, 67.193,

358.207

358.207

■ 40, 67.205,
358.256

■ 41, 66.042,
354.821

■ 43, 63.290,
352.030

■ 45, 58.565,
349.809

■ 48, 52.132,
348.016

■ 52, 44.425,
346.532

■ 56, 35.898,
345.271

■ 61, 26.936,
344.173

■ 65, 17.828,
343.196

Harmonies

Complementary

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



40, 67.193, 358.207



66, 72.802, 147.248

Rectangle

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



40, 67.193, 358.207



40, 67.193, 48.207



40, 67.193, 178.207



40, 67.193, 228.207

Sweetspot

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



40, 67.190, 358.208



77, 33.392, 344.238



28, 99.073, 310.824



38, 22.770, 344.684



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, 67.190, 358.208



52, 81.422, 358.950



38, 79.995, 37.997



36, 5.002, 342.254



33, 59.209, 357.698



3, 12.501, 348.483

Inverse Universe

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



40, 67.190, 358.208



52, 81.422, 358.950



68, 41.058, 189.014



36, 5.002, 342.254



33, 59.209, 357.698



3, 12.501, 348.483

Previews

White Background



This preview shows how the CIELCh color 40, 67.193, 358.207 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 40, 67.193, 358.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

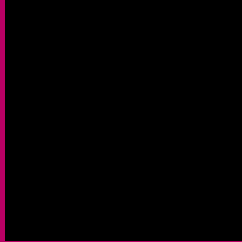
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 67.193, 358.207

Background



This preview shows how black text looks on a background with the CIELCh color 40, 67.193, 358.207.



This preview shows how white text looks on a background with the CIELCh color 40, 67.193, 358.207.

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

40, 67.193, 358.207

Protanopia

41, 29.895, 285.255

Deuteranopia

41, 6.170, 31.375



Tritanopia
41, 66.231, 32.968

Trichromacy



Original Color
40, 67.193, 358.207

Protanomaly
35, 45.248, 322.504

Deuteranomaly
37, 36.888, 352.194

Tritanomaly
40, 64.287, 19.847

Monochromacy



Original Color
40, 67.193, 358.207

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 34.780, 347.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 67.193, 358.207 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(185, 0, 100)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 0, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 0, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 67.193, 358.207 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(185, 0, 100) }
```

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

```
.border{ border-color:rgb(185, 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(185, 0, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 0, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 0, 100);  
box-shadow:4px 4px 4px 4px rgb(185, 0,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 67.193, 358.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 0, 100) }
```

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

```
.background{ background-color: rgb(185, 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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