

Converting Colors

CIELCh(45, 81.443, 338.001)

Have a look what the booklet for
CIELCh(45, 81.443, 338.001)
contains.

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Color

CIELCh(45, 81.523, 338.059)

Conversions

Conversions Part 1

Format	Color
Hex	C6039F
RGB	198, 3, 159
RGB Percent	78%, 1%, 62%
CMY	0.2244, 0.9872, 0.3773
CMYK	0.00, 0.98, 0.20, 0.22
HSL	312°, 97%, 39%
HSV	312°, 98%, 78%
XYZ	29.5049, 14.5417, 33.9603
YIQ	79.0890, 66.1440, 89.8560

Conversions

Conversions Part 2

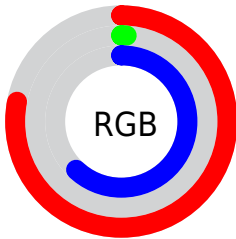
Format	Color
RYB	198, 3, 159
Decimal	12977055
CIELab	45.00, 75.62, -30.46
CIELCh	45, 81.523, 338.059
Yxy	14.5417, 0.3782, 0.1864
Android (android.graphics.Color)	4291167135 (0xFFC6039F)
YUV	79.0890, 39.3961, 104.2849
Hunter-Lab	38.1336, 71.3760, -26.1079

Details

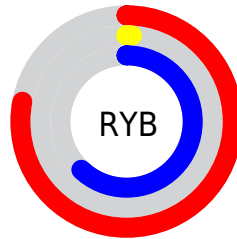
The CIELCh color **45, 81.523, 338.059** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **70, 92.472, 138.715**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 81.039, 337.231**, and **31, 61.871, 339.717** is the 20% darker color. If you saturate the color by 10%, you get **45, 81.648, 338.238**, and if you desaturate by 10%, it is **46, 80.294, 337.012**.

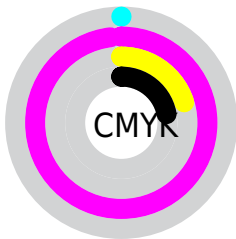
Distribution



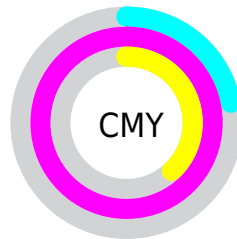
- Red (78%)
- Green (1%)
- Blue (62%)



- Red (78%)
- Yellow (1%)
- Blue (62%)



- Cyan (0%)
- Magenta (98%)
- Yellow (20%)
- Black (22%)





- Cyan (22%)
- Magenta (99%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 81.523, 338.059 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 45, 81.523, 338.059 by changing the saturation by 10% instead.


 45, 81.523,
338.059


 45, 81.523,
338.059


 100, 81.523,
338.059


 35, 81.523,
338.059

 65, 81.523,
338.059


 25, 81.523,
338.059

 75, 81.523,
338.059

 15, 81.523,
338.059

 85, 81.523,
338.059

 5, 81.523, 338.059

 95, 81.523,
338.059

 0, 81.523, 338.059

 45, 81.523,

 45, 81.523,

338.059

338.059

■ 45, 81.648,
338.238

■ 46, 80.294,
337.012

■ 48, 76.828,
336.087

■ 50, 70.996,
335.253

■ 53, 63.125,
334.478

■ 57, 53.698,
333.742

■ 61, 43.221,
333.034

■ 66, 32.134,
332.347

■ 70, 20.780,
331.681

Harmonies

Complementary

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



45, 81.523, 338.059



70, 92.472, 138.715

Rectangle

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



45, 81.523, 338.059



45, 81.523, 28.059



45, 81.523, 158.059



45, 81.523, 208.059

Sweetspot

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



45, 81.520, 338.059



82, 41.780, 332.490



26, 108.032, 307.177



41, 28.442, 332.783



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



45, 81.520, 338.059



58, 98.642, 338.424



42, 71.880, 20.543



39, 6.423, 331.094



37, 70.945, 338.068



4, 22.439, 335.041

Inverse Universe

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



45, 81.520, 338.059



58, 98.642, 338.424



71, 57.973, 162.087



39, 6.423, 331.094



37, 70.945, 338.068



4, 22.439, 335.041

Previews

White Background



This preview shows how the CIELCh color 45, 81.523, 338.059 looks on a white background.

Color Contrast Check

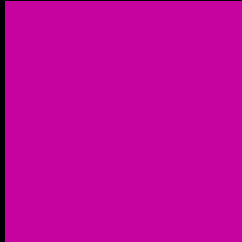
Large Text (above 18pt) WCAG AA ✓ Pass

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 45, 81.523, 338.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

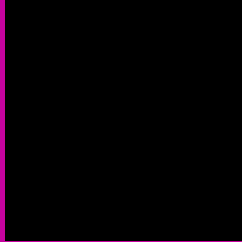
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 81.523, 338.059

Background



This preview shows how black text looks on a background with the CIELCh color 45, 81.523, 338.059.



This preview shows how white text looks on a background with the CIELCh color 45, 81.523, 338.059.

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

45, 81.624, 338.051

Protanopia

46, 70.638, 287.765

Deuteranopia

46, 25.119, 285.072



Tritanopia
45, 57.586, 27.743

Trichromacy



Original Color
45, 81.624, 338.051



Protanomaly
37, 80.442, 301.632



Deuteranomaly
40, 53.996, 319.855



Tritanomaly
44, 62.197, 3.653

Monochromacy



Original Color
45, 81.624, 338.051



Achromatopsia
34, 0.005, 296.813



Achromatomaly
33, 42.855, 334.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 81.523, 338.059 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(198, 3, 159)` looks like.

```
.text, #text, p{  
    color:rgb(198, 3, 159)  
}
```

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(198, 3, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 3, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 81.523, 338.059 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(198, 3, 159) }
```

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

```
.border{ border-color:rgb(198, 3, 159) }
```

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

Here you see how a box with a 4 pixel rgb(198, 3, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 3, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 3, 159);  
box-shadow:4px 4px 4px 4px rgb(198, 3,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 81.523, 338.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 3, 159) }
```

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

```
.background{ background-color: rgb(198, 3,  
159) }
```

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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