

Converting Colors

CIELCh(43, 79.443, 351.079)

Have a look what the booklet for
CIELCh(43, 79.443, 351.079)
contains.

CIELCh(45, 74.039, 352.448)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(45, 74.039, 352.448)

Conversions

Conversions Part 1

Format	Color
Hex	CD037D
RGB	205, 3, 125
RGB Percent	80%, 1%, 49%
CMY	0.1958, 0.9863, 0.5102
CMYK	0.00, 0.98, 0.39, 0.20
HSL	324°, 97%, 41%
HSV	324°, 98%, 80%
XYZ	28.9279, 14.5417, 20.6474
YIQ	77.3060, 81.2300, 80.7660

Conversions

Conversions Part 2

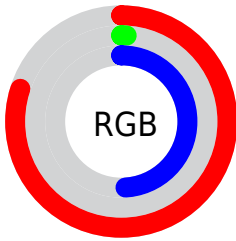
Format	Color
R_{YB}	205, 3, 125
Decimal	13435773
CIE _{Lab}	45.00, 73.40, -9.73
CIE _{LCh}	45, 74.039, 352.448
Yxy	14.5417, 0.4512, 0.2268
Android (android.graphics.Color)	4291625853 (0xFFCD037D)
YUV	77.3060, 23.5131, 111.9876
Hunter-Lab	38.1336, 68.6751, -5.4090

Details

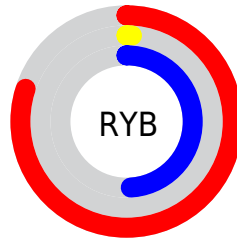
The CIELCh color **45, 74.039, 352.448** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **72, 82.765, 144.744**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 71.327, 349.504**, and **31, 56.040, 358.884** is the 20% darker color. If you saturate the color by 10%, you get **45, 74.137, 352.944**, and if you desaturate by 10%, it is **46, 73.061, 349.686**.

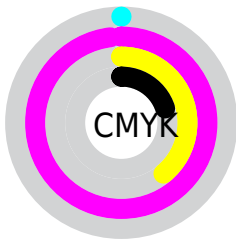
Distribution



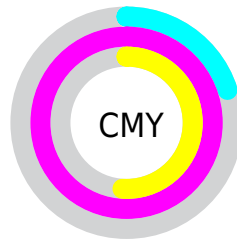
- Red (80%)
- Green (1%)
- Blue (49%)



- Red (80%)
- Yellow (1%)
- Blue (49%)



- Cyan (0%)
- Magenta (98%)
- Yellow (39%)
- Black (20%)



- Cyan (20%)
- Magenta (99%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 74.039, 352.448 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, 74.039, 352.448 by changing the saturation by 10% instead.

 45, 74.039,
352.448


 45, 74.039,
352.448


 100, 74.039,
352.448

 35, 74.039,
352.448

 65, 74.039,
352.448

 25, 74.039,
352.448

 75, 74.039,
352.448

 15, 74.039,
352.448

 85, 74.039,
352.448

 5, 74.039, 352.448

 95, 74.039,
352.448

 0, 74.039, 352.448

 45, 74.039,

 45, 74.039,

352.448

352.448

■ 45, 74.137,
352.944

■ 46, 73.061,
349.686

■ 48, 69.959,
347.447

■ 51, 64.596,
345.641

■ 54, 57.311,
344.153

■ 58, 48.605,
342.893

■ 63, 38.984,
341.797

■ 67, 28.875,
340.820

■ 73, 18.596,
339.933

Harmonies

Complementary

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



45, 74.039, 352.448



72, 82.765, 144.744

Rectangle

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



45, 74.039, 352.448



45, 74.039, 42.448



45, 74.039, 172.448



45, 74.039, 222.448

Sweetspot

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



45, 74.035, 352.449



82, 35.320, 340.920



30, 107.757, 309.554



41, 24.225, 341.334



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, 74.035, 352.449



56, 87.177, 353.384



43, 82.602, 34.626



40, 5.699, 339.194



36, 63.457, 352.429



4, 21.148, 346.994

Inverse Universe

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



45, 74.035, 352.449



56, 87.177, 353.384



74, 47.441, 180.299



40, 5.699, 339.194



36, 63.457, 352.429



4, 21.148, 346.994

Previews

White Background



This preview shows how the CIELCh color 45, 74.039, 352.448 looks on a white background.

Color Contrast Check

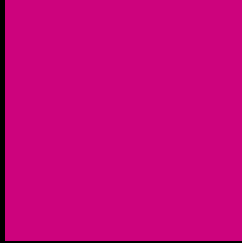
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.039, 352.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

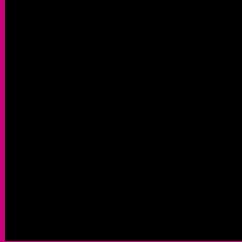
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 74.039, 352.448

Background



This preview shows how black text looks on a background with the CIELCh color 45, 74.039, 352.448.



This preview shows how white text looks on a background with the CIELCh color 45, 74.039, 352.448.

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, 74.088, 352.372

Protanopia

46, 43.559, 286.022

Deuteranopia

46, 7.726, 322.390



Tritanopia
45, 69.041, 31.487

Trichromacy



Original Color
45, 74.088, 352.372



Protanomaly
40, 56.574, 315.587



Deuteranomaly
41, 42.232, 341.548



Tritanomaly
44, 67.709, 15.890

Monochromacy



Original Color
45, 74.088, 352.372



Achromatopsia
33, 0.005, 296.813



Achromatomaly
33, 38.596, 343.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 74.039, 352.448 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(205, 3, 125)` looks like.

```
.text, #text, p{  
    color:rgb(205, 3, 125)  
}
```

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(205, 3, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 3, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 74.039, 352.448 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(205, 3, 125) }
```

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

```
.border{ border-color:rgb(205, 3, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 3, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 3, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 3, 125);  
box-shadow:4px 4px 4px 4px rgb(205, 3,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 74.039, 352.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 3, 125) }
```

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

```
.background{ background-color: rgb(205, 3,  
125) }
```

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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