

Converting Colors

CIELCh(45, 74.475, 353.110)

Have a look what the booklet for
CIELCh(45, 74.475, 353.110)
contains.

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Color

CIELCh(45, 74.375, 352.980)

Conversions

Conversions Part 1

Format	Color
Hex	CE007C
RGB	206, 0, 124
RGB Percent	81%, 0%, 49%
CMY	0.1927, 1.0000, 0.5142
CMYK	0.00, 1.00, 0.40, 0.19
HSL	324°, 100%, 40%
HSV	324°, 100%, 81%
XYZ	29.0366, 14.5417, 20.3038
YIQ	75.7300, 82.9720, 82.2360

Conversions

Conversions Part 2

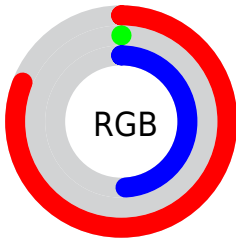
Format	Color
R_{YB}	206, 0, 124
Decimal	13500540
CIE Lab	45.00, 73.82, -9.09
CIE LCh	45, 74.375, 352.980
Yxy	14.5417, 0.4545, 0.2276
Android (android.graphics.Color)	4291690620 (0xFFCE007C)
YUV	75.7300, 23.7971, 114.2468
Hunter-Lab	38.1336, 69.1838, -4.8748

Details

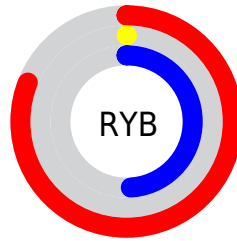
The CIELCh color **45, 74.375, 352.980** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **73, 83.825, 144.411**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 71.330, 350.187**, and **31, 56.177, 359.865** is the 20% darker color. If you saturate the color by 10%, you get **45, 74.329, 352.993**, and if you desaturate by 10%, it is **46, 73.554, 350.161**.

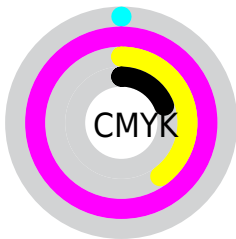
Distribution



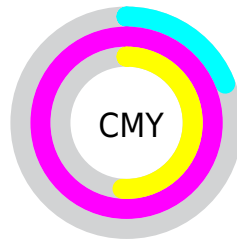
- Red (81%)
- Green (0%)
- Blue (49%)



- Red (81%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 74.375, 352.980 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, 74.375, 352.980 by changing the saturation by 10% instead.


 45, 74.375,
352.980


 45, 74.375,
352.980


 100, 74.375,
352.980

 35, 74.375,
352.980

 65, 74.375,
352.980


 25, 74.375,
352.980

 75, 74.375,
352.980

 15, 74.375,
352.980

 85, 74.375,
352.980

 5, 74.375, 352.980

 95, 74.375,
352.980

 0, 74.375, 352.980

 45, 74.375,

 45, 74.375,

352.980

352.980

■ 45, 74.329,
352.993

■ 46, 73.554,
350.161

■ 48, 70.844,
347.830

■ 50, 65.838,
345.955

■ 54, 58.829,
344.417

■ 58, 50.304,
343.121

■ 62, 40.780,
341.999

■ 67, 30.701,
341.003

■ 72, 20.404,
340.102

■ 77, 10.124,
339.266

Harmonies

Complementary

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



45, 74.375, 352.980



73, 83.825, 144.411

Rectangle

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



45, 74.375, 352.980



45, 74.375, 42.980



45, 74.375, 172.980



45, 74.375, 222.980

Sweetspot

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



45, 74.329, 352.993



81, 36.528, 341.039



30, 108.903, 309.500



41, 24.902, 341.452



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, 74.329, 352.993



56, 87.160, 353.425



43, 83.863, 35.306



40, 5.697, 339.216



36, 63.444, 352.469



4, 21.142, 347.024

Inverse Universe

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



45, 74.329, 352.993



56, 87.160, 353.425



74, 47.791, 180.075



40, 5.697, 339.216



36, 63.444, 352.469



4, 21.142, 347.024

Previews

White Background



This preview shows how the CIELCh color 45, 74.375, 352.980 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, 74.375, 352.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

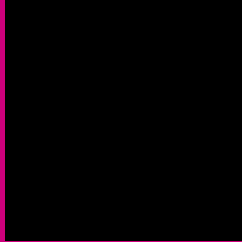
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 74.375, 352.980

Background



This preview shows how black text looks on a background with the CIELCh color 45, 74.375, 352.980.



This preview shows how white text looks on a background with the CIELCh color 45, 74.375, 352.980.

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, 74.375, 352.980

Protanopia

46, 42.958, 286.096

Deuteranopia

46, 7.465, 327.490



Tritanopia
46, 69.698, 31.953

Trichromacy



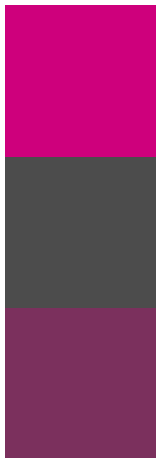
Original Color
45, 74.375, 352.980

Protanomaly
39, 57.330, 316.420

Deuteranomaly
41, 42.724, 342.485

Tritanomaly
45, 68.332, 16.435

Monochromacy



Original Color
45, 74.375, 352.980

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 39.420, 344.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 74.375, 352.980 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(206, 0, 124)` looks like.

```
.text, #text, p{  
    color:rgb(206, 0, 124)  
}
```

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(206, 0, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 0, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 74.375, 352.980 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(206, 0, 124) }
```

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

```
.border{ border-color:rgb(206, 0, 124) }
```

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

Here you see how a box with a 4 pixel rgb(206, 0, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 0, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 0, 124);  
box-shadow:4px 4px 4px 4px rgb(206, 0,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 74.375, 352.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 0, 124) }
```

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

```
.background{ background-color: rgb(206, 0,  
124) }
```

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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