

Converting Colors

CIELCh(45, 73.198, 359.307)

Have a look what the booklet for
CIELCh(45, 73.198, 359.307)
contains.

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Color

CIELCh(45, 73.129, 359.183)

Conversions

Conversions Part 1

Format	Color
Hex	D0006F
RGB	208, 0, 111
RGB Percent	82%, 0%, 44%
CMY	0.1846, 1.0000, 0.5649
CMYK	0.00, 1.00, 0.47, 0.18
HSL	328°, 100%, 41%
HSV	328°, 100%, 82%
XYZ	28.8569, 14.5417, 16.3091
YIQ	74.8460, 88.3370, 78.6170

Conversions

Conversions Part 2

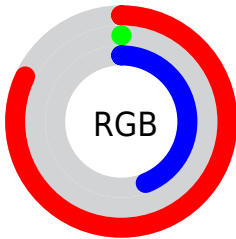
Format	Color
RYB	208, 0, 111
Decimal	13631599
CIELab	45.00, 73.12, -1.04
CIELCh	45, 73.129, 359.183
Yxy	14.5417, 0.4833, 0.2435
Android (android.graphics.Color)	4291821679 (0xFFD0006F)
YUV	74.8460, 17.8239, 116.7761
Hunter-Lab	38.1336, 68.3430, 1.3362

Details

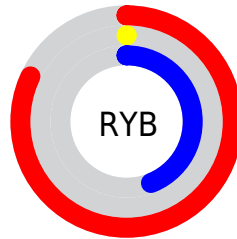
The CIELCh color **45, 73.129, 359.183** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **74, 79.301, 147.325**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 68.907, 356.033**, and **31, 55.998, 7.253** is the 20% darker color. If you saturate the color by 10%, you get **45, 73.110, 359.190**, and if you desaturate by 10%, it is **46, 72.027, 355.621**.

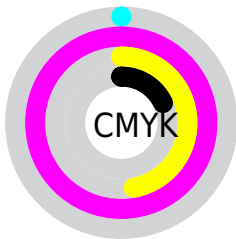
Distribution



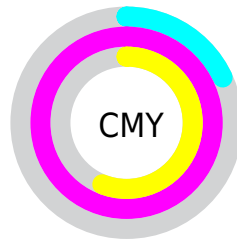
- Red (82%)
- Green (0%)
- Blue (44%)



- Red (82%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 73.129, 359.183 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, 73.129, 359.183 by changing the saturation by 10% instead.


 45, 73.129,
359.183


 45, 73.129,
359.183


 100, 73.129,
359.183


 35, 73.129,
359.183

 65, 73.129,
359.183


 25, 73.129,
359.183

 75, 73.129,
359.183

 15, 73.129,
359.183

 85, 73.129,
359.183

 5, 73.129, 359.183

 95, 73.129,
359.183

 0, 73.129, 359.183

 45, 73.129,

 45, 73.129,

359.183

359.183

■ 45, 73.110,
359.190

■ 46, 72.027,
355.621

■ 48, 69.155,
352.698

■ 50, 64.105,
350.381

■ 54, 57.146,
348.518

■ 58, 48.755,
346.984

■ 62, 39.439,
345.687

■ 67, 29.631,
344.563

■ 73, 19.656,
343.565

Harmonies

Complementary

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



45, 73.129, 359.183



74, 79.301, 147.325

Rectangle

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



45, 73.129, 359.183



45, 73.129, 49.183



45, 73.129, 179.183



45, 73.129, 229.183

Sweetspot

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



45, 73.110, 359.190



81, 34.970, 344.600



32, 108.237, 310.732



41, 23.861, 345.064



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, 73.110, 359.190



55, 85.155, 359.707



43, 87.618, 38.283



41, 5.545, 342.602



36, 62.578, 358.551



5, 22.174, 351.750

Inverse Universe

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



45, 73.110, 359.190



55, 85.155, 359.707



76, 44.814, 188.950



41, 5.545, 342.602



36, 62.578, 358.551



5, 22.174, 351.750

Previews

White Background



This preview shows how the CIELCh color 45, 73.129, 359.183 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, 73.129, 359.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

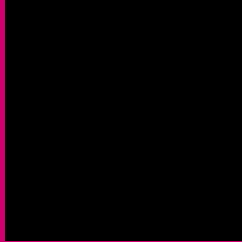
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 73.129, 359.183

Background



This preview shows how black text looks on a background with the CIELCh color 45, 73.129, 359.183.



This preview shows how white text looks on a background with the CIELCh color 45, 73.129, 359.183.

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, 73.129, 359.183

Protanopia

46, 31.673, 285.205

Deuteranopia

46, 7.458, 33.923



Tritanopia
46, 73.445, 33.376

Trichromacy



Original Color
45, 73.129, 359.183

Protanomaly
40, 49.339, 323.778

Deuteranomaly
41, 40.458, 353.599

Tritanomaly
45, 71.096, 20.857

Monochromacy



Original Color
45, 73.129, 359.183

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 38.005, 348.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 73.129, 359.183 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(208, 0, 111)` looks like.

```
.text, #text, p{  
    color:rgb(208, 0, 111)  
}
```

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(208, 0, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 0, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 73.129, 359.183 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(208, 0, 111) }
```

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

```
.border{ border-color:rgb(208, 0, 111) }
```

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

Here you see how a box with a 4 pixel rgb(208, 0, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 0, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 0, 111);  
box-shadow:4px 4px 4px 4px rgb(208, 0,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 73.129, 359.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 0, 111) }
```

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

```
.background{ background-color: rgb(208, 0,  
111) }
```

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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