

Converting Colors

CIELCh(46, 74.690, 359.528)

Have a look what the booklet for
CIELCh(46, 74.690, 359.528)
contains.

CIELCh(46, 74.373, 359.543)	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(46, 74.373, 359.543)

Conversions

Conversions Part 1

Format	Color
Hex	D50071
RGB	213, 0, 113
RGB Percent	84%, 0%, 44%
CMY	0.1659, 1.0000, 0.5578
CMYK	0.00, 1.00, 0.47, 0.17
HSL	328°, 100%, 42%
HSV	328°, 100%, 83%
XYZ	30.3129, 15.2687, 16.9033
YIQ	76.5690, 90.6750, 80.2990

Conversions

Conversions Part 2

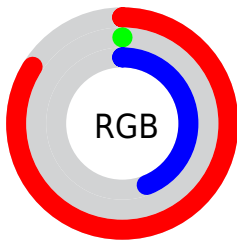
Format	Color
R_{YB}	213, 0, 113
Decimal	13959281
CIE _{Lab}	46.00, 74.37, -0.59
CIE _{LCh}	46, 74.373, 359.543
Yxy	15.2687, 0.4851, 0.2444
Android (android.graphics.Color)	4292149361 (0xFFD50071)
YUV	76.5690, 17.9605, 119.6500
Hunter-Lab	39.0751, 70.0916, 1.7047

Details

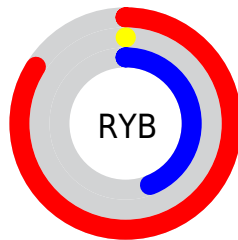
The CIELCh color **46, 74.373, 359.543** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **75, 80.452, 147.449**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 68.950, 354.881**, and **32, 57.389, 7.520** is the 20% darker color. If you saturate the color by 10%, you get **46, 74.291, 359.574**, and if you desaturate by 10%, it is **47, 73.202, 355.948**.

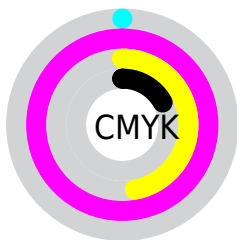
Distribution



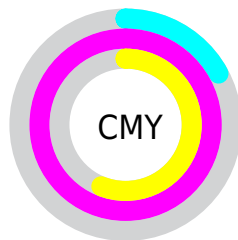
- Red (84%)
- Green (0%)
- Blue (44%)



- Red (84%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (17%)




- Cyan (17%)
- Magenta (100%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 74.373, 359.543 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 46, 74.373, 359.543 by changing the saturation by 10% instead.


 46, 74.373,
359.543

 46, 74.373,
359.543


 100, 74.373,
359.543

 36, 74.373,
359.543

 66, 74.373,
359.543


 26, 74.373,
359.543

 76, 74.373,
359.543

 16, 74.373,
359.543

 86, 74.373,
359.543

 6, 74.373, 359.543

 96, 74.373,
359.543

 0, 74.373, 359.543

 46, 74.373,

 46, 74.373,

359.543

359.543

■ 46, 74.291,
359.574

■ 47, 73.202,
355.948

■ 49, 70.291,
352.983

■ 52, 65.165,
350.633

■ 55, 58.094,
348.747

■ 59, 49.565,
347.197

■ 64, 40.092,
345.888

■ 69, 30.119,
344.755

■ 74, 19.978,
343.750

Harmonies

Complementary

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



46, 74.373, 359.543



75, 80.452, 147.449

Rectangle

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



46, 74.373, 359.543



46, 74.373, 49.543



46, 74.373, 179.543



46, 74.373, 229.543

Sweetspot

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



46, 74.291, 359.574



81, 34.896, 344.788



33, 109.724, 311.061



41, 23.811, 345.254



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



46, 74.291, 359.574



55, 85.087, 0.033



44, 89.810, 38.868



42, 5.644, 342.783



37, 63.211, 358.916



5, 23.855, 352.212

Inverse Universe

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



46, 74.291, 359.574



55, 85.087, 0.033



77, 44.890, 191.353



42, 5.644, 342.783



37, 63.211, 358.916



5, 23.855, 352.212

Previews

White Background



This preview shows how the CIELCh color 46, 74.373, 359.543 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 46, 74.373, 359.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

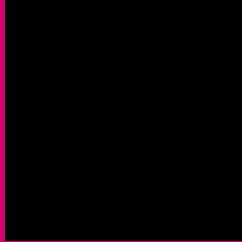
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 74.373, 359.543

Background



This preview shows how black text looks on a background with the CIELCh color 46, 74.373, 359.543.



This preview shows how white text looks on a background with the CIELCh color 46, 74.373, 359.543.

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

46, 74.373, 359.543

Protanopia

47, 32.117, 285.899

Deuteranopia

47, 7.852, 33.211



Tritanopia
46, 74.543, 33.387

Trichromacy



Original Color
46, 74.373, 359.543

Protanomaly
41, 50.467, 323.879

Deuteranomaly
42, 41.562, 353.957

Tritanomaly
46, 72.010, 20.653

Monochromacy



Original Color
46, 74.373, 359.543

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 39.083, 348.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 74.373, 359.543 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(213, 0, 113)` looks like.

```
.text, #text, p{  
    color:rgb(213, 0, 113)  
}
```

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(213, 0, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 0, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 74.373, 359.543 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(213, 0, 113) }
```

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

```
.border{ border-color:rgb(213, 0, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 0, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 0, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 0, 113);  
box-shadow:4px 4px 4px 4px rgb(213, 0,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 74.373, 359.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 0, 113) }
```

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

```
.background{ background-color: rgb(213, 0,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor