

Converting Colors

CIELCh(46, 74.680, 7.203)

Have a look what the booklet for
CIELCh(46, 74.680, 7.203) contains.

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Color

CIELCh(46, 74.227, 7.230)

Conversions

Conversions Part 1

Format	Color
Hex	D70061
RGB	215, 0, 97
RGB Percent	84%, 0%, 38%
CMY	0.1576, 1.0000, 0.6201
CMYK	0.00, 1.00, 0.55, 0.16
HSL	333°, 100%, 42%
HSV	333°, 100%, 84%
XYZ	30.1180, 15.2687, 12.6362
YIQ	75.3430, 97.0030, 75.7470

Conversions

Conversions Part 2

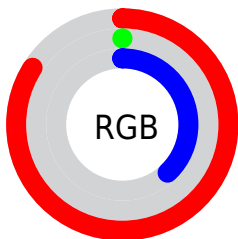
Format	Color
R_YB	215, 0, 97
Decimal	14090337
CIE _{Lab}	46.00, 73.64, 9.34
CIE _{LCh}	46, 74.227, 7.230
Yxy	15.2687, 0.5191, 0.2631
Android (android.graphics.Color)	4292280417 (0xFFD70061)
YUV	75.3430, 10.6769, 122.4792
Hunter-Lab	39.0751, 69.2012, 8.1792

Details

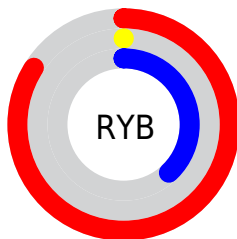
The CIELCh color **46, 74.227, 7.230** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **76, 74.618, 151.500**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 66.933, 2.984**, and **32, 58.815, 17.140** is the 20% darker color. If you saturate the color by 10%, you get **46, 74.181, 7.253**, and if you desaturate by 10%, it is **47, 72.385, 2.810**.

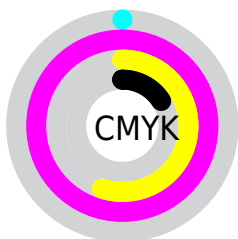
Distribution



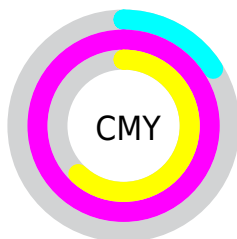
- Red (84%)
- Green (0%)
- Blue (38%)



- Red (84%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (16%)




- Cyan (16%)
- Magenta (100%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 74.227, 7.230 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, 74.227, 7.230 by changing the saturation by 10% instead.

 46, 74.227, 7.230  46, 74.227, 7.230

 100, 74.227, 7.230  36, 74.227, 7.230

 66, 74.227, 7.230  26, 74.227, 7.230


 76, 74.227, 7.230  16, 74.227, 7.230

 86, 74.227, 7.230  6, 74.227, 7.230

 96, 74.227, 7.230  0, 74.227, 7.230

 46, 74.227, 7.230  46, 74.227, 7.230

 46, 74.181, 7.253  47, 72.385, 2.810

 49, 69.018,
359.152

■ 52, 63.642,
356.269

■ 55, 56.485,
353.986

■ 59, 48.003,
352.145

■ 64, 38.691,
350.624

■ 69, 28.974,
349.336

■ 75, 19.162,
348.216

■ 80, 9.465, 347.213

Harmonies

Complementary

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



46, 74.227, 7.230



76, 74.618, 151.500

Rectangle

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



46, 74.227, 7.230



46, 74.227, 57.230



46, 74.227, 187.230



46, 74.227, 237.230

Sweetspot

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



46, 74.181, 7.253



81, 33.302, 349.371



35, 108.964, 312.570



40, 22.755, 349.898



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, 74.181, 7.253



55, 84.443, 7.778



45, 91.449, 40.290



42, 5.355, 347.157



36, 62.536, 6.417



5, 23.087, 357.499

Inverse Universe

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



46, 74.181, 7.253



55, 84.443, 7.778



76, 42.042, 201.835



42, 5.355, 347.157



36, 62.536, 6.417



5, 23.087, 357.499

Previews

White Background



This preview shows how the CIELCh color 46, 74.227, 7.230 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, 74.227, 7.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

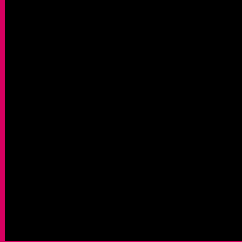
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 74.227, 7.230

Background



This preview shows how black text looks on a background with the CIELCh color 46, 74.227, 7.230.



This preview shows how white text looks on a background with the CIELCh color 46, 74.227, 7.230.

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, 74.227, 7.230

Protanopia

47, 18.461, 284.874

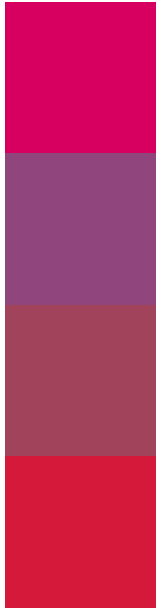
Deuteranopia

47, 15.345, 66.506



Tritanopia
46, 78.608, 34.866

Trichromacy



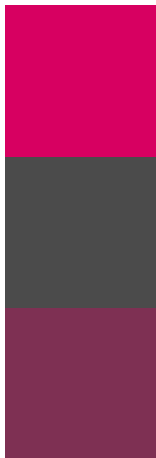
Original Color
46, 74.227, 7.230

Protanomaly
41, 42.281, 336.228

Deuteranomaly
42, 41.207, 8.184

Tritanomaly
46, 75.685, 25.388

Monochromacy



Original Color
46, 74.227, 7.230

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 37.742, 354.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 74.227, 7.230 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(215, 0, 97)` looks like.

```
.text, #text, p{  
    color:rgb(215, 0, 97)  
}
```

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(215, 0, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 0, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 74.227, 7.230 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(215, 0, 97) }
```

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

```
.border{ border-color:rgb(215, 0, 97) }
```

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

Here you see how a box with a 4 pixel rgb(215, 0, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 0, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 0, 97);  
box-shadow:4px 4px 4px 4px rgb(215, 0, 97)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 46, 74.227, 7.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 0, 97) }
```

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

```
.background{ background-color: rgb(215, 0,  
97) }
```

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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