

Converting Colors

CIELCh(46, 74.255, 2.371)

Have a look what the booklet for
CIELCh(46, 74.255, 2.371) contains.

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Color

CIELCh(46, 74.193, 2.463)

Conversions

Conversions Part 1

Format	Color
Hex	D6006B
RGB	214, 0, 107
RGB Percent	84%, 0%, 42%
CMY	0.1623, 1.0000, 0.5816
CMYK	0.00, 1.00, 0.50, 0.16
HSL	330°, 100%, 42%
HSV	330°, 100%, 84%
XYZ	30.2474, 15.2687, 15.1813
YIQ	76.1840, 93.1970, 78.6450

Conversions

Conversions Part 2

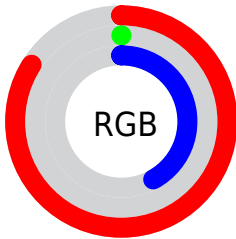
Format	Color
R_{YB}	214, 0, 107
Decimal	14024811
CIE Lab	46.00, 74.12, 3.19
CIE LCh	46, 74.193, 2.463
Yxy	15.2687, 0.4983, 0.2516
Android (android.graphics.Color)	4292214891 (0xFFD6006B)
YUV	76.1840, 15.1923, 120.8646
Hunter-Lab	39.0751, 69.7925, 4.3175

Details

The CIELCh color **46, 74.193, 2.463** 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, 78.258, 148.929**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 67.980, 357.955**, and **32, 57.606, 11.301** is the 20% darker color. If you saturate the color by 10%, you get **46, 74.091, 2.506**, and if you desaturate by 10%, it is **47, 72.771, 358.552**.

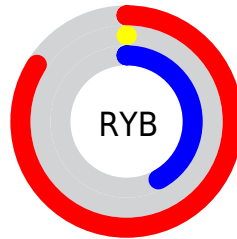
Distribution



Red (84%)

Green (0%)

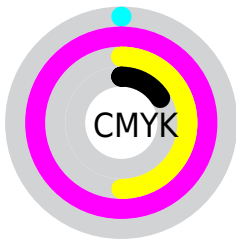
Blue (42%)



Red (84%)

Yellow (0%)

Blue (42%)

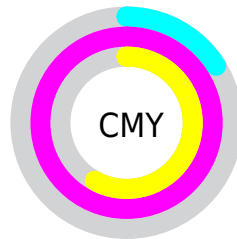


Cyan (0%)

Magenta (100%)

Yellow (50%)

Black (16%)



Cyan (16%)

Magenta (100%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 74.193, 2.463 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, 74.193, 2.463 by changing the saturation by 10% instead.

 46, 74.193, 2.463  46, 74.193, 2.463

 100, 74.193, 2.463  36, 74.193, 2.463

 66, 74.193, 2.463  26, 74.193, 2.463

 76, 74.193, 2.463  16, 74.193, 2.463

 86, 74.193, 2.463  6, 74.193, 2.463

 96, 74.193, 2.463  0, 74.193, 2.463

 46, 74.193, 2.463  46, 74.193, 2.463

 46, 74.091, 2.506  47, 72.771,
358.552

 49, 69.716,
355.314

■ 52, 64.518,
352.758

■ 55, 57.432,
350.719

■ 59, 48.934,
349.057

■ 64, 39.533,
347.666

■ 69, 29.665,
346.472

■ 74, 19.657,
345.423

■ 80, 9.726, 344.473

Harmonies

Complementary

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



46, 74.193, 2.463



75, 78.258, 148.929

Rectangle

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



46, 74.193, 2.463



46, 74.193, 52.463



46, 74.193, 182.463



46, 74.193, 232.463

Sweetspot

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



46, 74.091, 2.506



81, 34.251, 346.506



34, 109.292, 311.788



40, 23.383, 346.996



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, 74.091, 2.506



55, 84.623, 2.993



45, 91.498, 40.000



42, 5.528, 344.420



37, 62.801, 1.776



5, 23.524, 354.302

Inverse Universe

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



46, 74.091, 2.506



55, 84.623, 2.993



78, 43.848, 196.386



42, 5.528, 344.420



37, 62.801, 1.776



5, 23.524, 354.302

Previews

White Background



This preview shows how the CIELCh color 46, 74.193, 2.463 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, 74.193, 2.463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

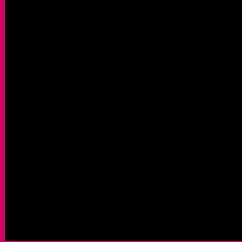
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 74.193, 2.463

Background



This preview shows how black text looks on a background with the CIELCh color 46, 74.193, 2.463.



This preview shows how white text looks on a background with the CIELCh color 46, 74.193, 2.463.

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, 74.193, 2.463

Protanopia

47, 26.197, 284.851

Deuteranopia

47, 10.215, 51.356



Tritanopia
47, 76.650, 33.990

Trichromacy



Original Color
46, 74.193, 2.463



Protanomaly
41, 46.550, 328.244



Deuteranomaly
42, 41.251, 359.397



Tritanomaly
46, 73.683, 22.496

Monochromacy



Original Color
46, 74.193, 2.463



Achromatopsia
32, 0.005, 296.813



Achromatomaly
32, 38.598, 350.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 74.193, 2.463 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(214, 0, 107)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 107)  
}
```

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(214, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 74.193, 2.463 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(214, 0, 107) }
```

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

```
.border{ border-color:rgb(214, 0, 107) }
```

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

Here you see how a box with a 4 pixel rgb(214, 0, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(214, 0,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 74.193, 2.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 107) }
```

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

```
.background{ background-color: rgb(214, 0,  
107) }
```

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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