

Converting Colors

CIELCh(75, 46.018, 333.723)

Have a look what the booklet for
CIELCh(75, 46.018, 333.723)
contains.

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Color

CIELCh(75, 46.020, 333.728)

Conversions

Conversions Part 1

Format	Color
Hex	F29DDF
RGB	242, 157, 223
RGB Percent	95%, 62%, 87%
CMY	0.0513, 0.3846, 0.1258
CMYK	0.00, 0.35, 0.08, 0.05
HSL	313°, 76%, 78%
HSV	313°, 35%, 95%
XYZ	61.9468, 48.2781, 75.8142
YIQ	189.9390, 29.4740, 38.5460

Conversions

Conversions Part 2

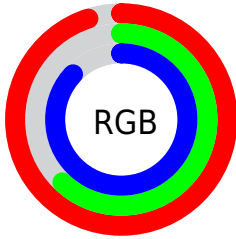
Format	Color
R _Y B	242, 157, 223
Decimal	15900127
CIE Lab	75.00, 41.27, -20.37
CIE LCh	75, 46.020, 333.728
Yxy	48.2781, 0.3330, 0.2595
Android (android.graphics.Color)	4294090207 (0xFFFF29DDF)
YUV	189.9390, 16.2991, 45.6575
Hunter-Lab	69.4824, 37.5466, -16.0552

Details

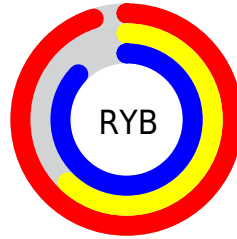
The CIELCh color **75, 46.020, 333.728** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89, 45.780, 148.513**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 26.319, 325.341**, and **55, 46.147, 333.773** is the 20% darker color. If you saturate the color by 10%, you get **70, 58.415, 334.474**, and if you desaturate by 10%, it is **81, 33.033, 333.014**.

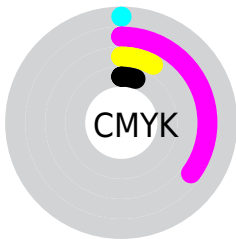
Distribution



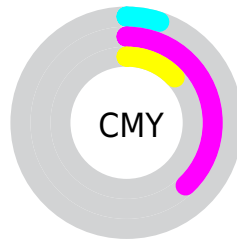
- Red (95%)
- Green (62%)
- Blue (87%)



- Red (95%)
- Yellow (62%)
- Blue (87%)



- Cyan (0%)
- Magenta (35%)
- Yellow (8%)
- Black (5%)




- Cyan (5%)
- Magenta (38%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 46.020, 333.728 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 75, 46.020, 333.728 by changing the saturation by 10% instead.


 75, 46.020,
333.728

 75, 46.020,
333.728


 100, 46.020,
333.728


 65, 46.020,
333.728


 95, 46.020,
333.728

 55, 46.020,
333.728

 45, 46.020,
333.728

 35, 46.020,
333.728

 25, 46.020,
333.728

 15, 46.020,
333.728

 5, 46.020, 333.728

0, 46.020, 333.728

75, 46.020,
333.728

75, 46.020,
333.728

70, 58.415,
334.474

81, 33.033,
333.014

65, 69.730,
335.257

86, 19.835,
332.324

61, 79.366,
336.094

92, 6.683, 331.635

58, 86.719,
337.008

98, 6.259, 151.125

99, 5.247, 169.992

56, 91.328,
338.037

99, 4.508, 199.267

55, 93.080,
339.231

■ 55, 93.212,
339.867

Harmonies

Complementary

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



75, 46.020, 333.728



89, 45.780, 148.513

Rectangle

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



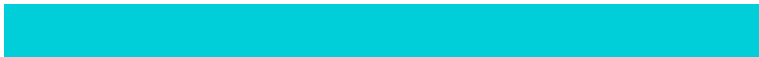
75, 46.020, 333.728



75, 46.020, 23.728



75, 46.020, 153.728



75, 46.020, 203.728

Sweetspot

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



75, 46.017, 333.728



93, 15.013, 332.046



69, 47.185, 301.587



49, 10.096, 332.138



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 46.017, 333.728



75, 56.997, 334.246



74, 34.817, 1.266



47, 7.368, 331.940



41, 76.005, 339.618



9, 33.946, 337.697

Inverse Universe

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



75, 46.017, 333.728



75, 56.997, 334.246



90, 31.113, 173.567



47, 7.368, 331.940



41, 76.005, 339.618



9, 33.946, 337.697

Previews

White Background



This preview shows how the CIELCh color 75, 46.020, 333.728 looks on a white background.

Color Contrast Check

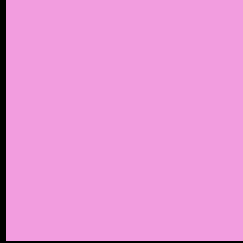
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 46.020, 333.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

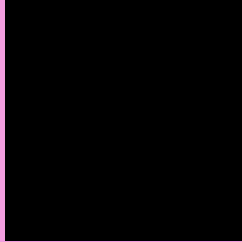
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 46.020, 333.728

Background



This preview shows how black text looks on a background with the CIELCh color 75, 46.020, 333.728.

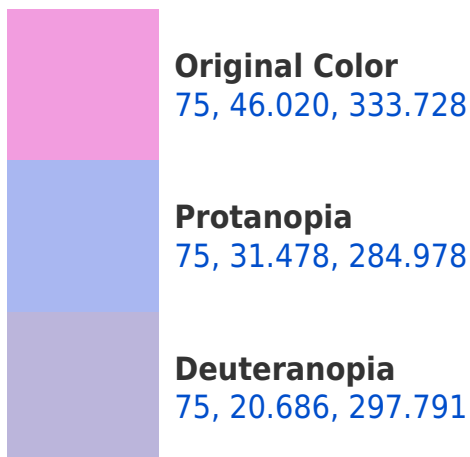


This preview shows how white text looks on a background with the CIELCh color 75, 46.020, 333.728.

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





Tritanopia
75, 27.793, 8.734

Trichromacy



Original Color
75, 46.020, 333.728



Protanomaly
75, 33.436, 305.792



Deuteranomaly
75, 28.807, 317.581

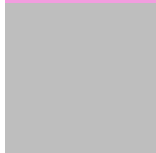


Tritanomaly
75, 32.444, 351.883

Monochromacy



Original Color
75, 46.020, 333.728



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 17.236, 332.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 46.020, 333.728 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(242, 157, 223)` looks like.

```
.text, #text, p{  
    color:rgb(242, 157, 223)  
}
```

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(242, 157, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 157, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 46.020, 333.728 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(242, 157, 223) }
```

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

```
.border{ border-color:rgb(242, 157, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 157, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 157, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 157, 223);  
box-shadow:4px 4px 4px 4px rgb(242, 157,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 46.020, 333.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 157, 223) }
```

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

```
.background{ background-color: rgb(242,  
157, 223) }
```

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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