

Converting Colors

CIELCh(75, 15.981, 342.560)

Have a look what the booklet for
CIELCh(75, 15.981, 342.560)
contains.

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Color

CIELCh(75, 16.278, 341.909)

Conversions

Conversions Part 1

Format	Color
Hex	D1AFC2
RGB	209, 175, 194
RGB Percent	82%, 69%, 76%
CMY	0.1792, 0.3126, 0.2381
CMYK	0.00, 0.16, 0.07, 0.18
HSL	326°, 27%, 75%
HSV	326°, 16%, 82%
XYZ	51.5344, 48.2781, 57.8127
YIQ	187.3320, 14.1650, 13.1170

Conversions

Conversions Part 2

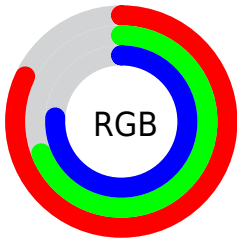
Format	Color
R _Y B	209, 175, 194
Decimal	13742018
CIE Lab	75.00, 15.47, -5.05
CIE LCh	75, 16.278, 341.909
Yxy	48.2781, 0.3269, 0.3063
Android (android.graphics.Color)	4291932098 (0xFFD1AFC2)
YUV	187.3320, 3.2873, 19.0028
Hunter-Lab	69.4824, 10.7973, -0.6944

Details

The CIELCh color $75, 16.278, 341.909$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $81, 16.027, 159.300$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 12.971, 331.387$, and $55, 16.303, 342.086$ is the 20% darker color. If you saturate the color by 10%, you get $70, 26.455, 342.839$, and if you desaturate by 10%, it is $80, 6.198, 341.038$.

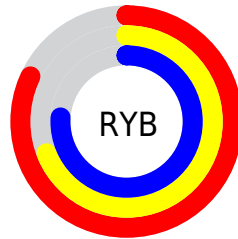
Distribution



Red (82%)

Green (69%)

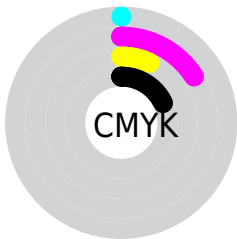
Blue (76%)



Red (82%)

Yellow (69%)

Blue (76%)

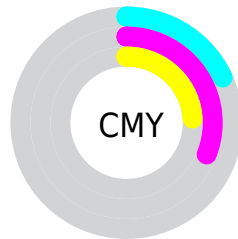


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (18%)



Cyan (18%)


Magenta (31%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 16.278, 341.909 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, 16.278, 341.909 by changing the saturation by 10% instead.


 75, 16.278,
341.909


 75, 16.278,
341.909


 100, 16.278,
341.909


 65, 16.278,
341.909


 95, 16.278,
341.909

 55, 16.278,
341.909

 45, 16.278,
341.909

 35, 16.278,
341.909

 25, 16.278,
341.909

 15, 16.278,
341.909

 5, 16.278, 341.909

75, 16.278,
341.909

75, 16.278,
341.909

70, 26.455,
342.839

80, 6.198, 341.038

86, 3.661, 160.448

65, 36.544,
343.869

92, 13.236,
159.666

60, 46.247,
345.038

96, 20.152,
161.053

56, 55.164,
346.395

97, 17.439,
173.042

52, 62.798,
348.015

97, 15.670,
188.452

49, 68.633,
349.999

97, 15.220,

■ 47, 72.290,
352.481

198.492

■ 46, 73.731,
355.598

■ 45, 74.006,
356.875

Harmonies

Complementary

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



75, 16.278, 341.909



81, 16.027, 159.300

Rectangle

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



75, 16.278, 341.909



75, 16.278, 31.909



75, 16.278, 161.909



75, 16.278, 211.909

Sweetspot

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



75, 16.276, 341.911



97, 5.815, 340.929



74, 19.256, 307.514



51, 3.970, 340.995



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, 16.276, 341.911



88, 22.393, 342.178



75, 13.120, 15.195



41, 5.642, 341.315



36, 63.062, 356.268



5, 22.478, 350.076

Inverse Universe

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



75, 16.276, 341.911



88, 22.393, 342.178



82, 11.970, 192.779



41, 5.642, 341.315



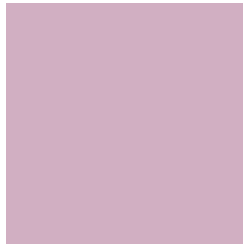
36, 63.062, 356.268



5, 22.478, 350.076

Previews

White Background



This preview shows how the CIELCh color 75, 16.278, 341.909 looks on a white background.

Color Contrast Check

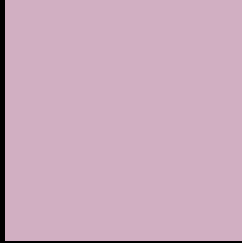
Large Text (above 18pt) WCAG AA × Fail

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, 16.278, 341.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

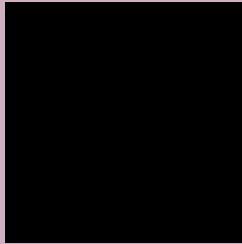
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 16.278, 341.909

Background



This preview shows how black text looks on a background with the CIELCh color 75, 16.278, 341.909.



This preview shows how white text looks on a background with the CIELCh color 75, 16.278, 341.909.

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

75, 16.278, 341.909

Protanopia

75, 8.102, 290.945

Deuteranopia

75, 10.999, 332.961



Tritanopia
75, 14.487, 349.375

Trichromacy



Original Color
75, 16.278, 341.909

Protanomaly
75, 9.738, 317.618

Deuteranomaly
75, 12.688, 337.688

Tritanomaly
75, 15.041, 345.828

Monochromacy



Original Color
75, 16.278, 341.909

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.152, 342.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 16.278, 341.909 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(209, 175, 194)` looks like.

```
.text, #text, p{  
    color:rgb(209, 175, 194)  
}
```

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(209, 175, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 175, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 16.278, 341.909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

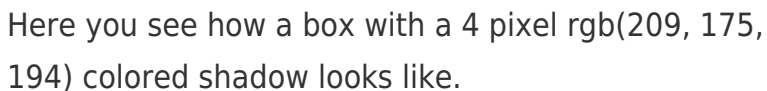
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 175, 194) }
```

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

```
.border{ border-color:rgb(209, 175, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 175, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 175, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 175, 194); box-shadow:4px 4px 4px 4px rgb(209, 175, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 16.278, 341.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 175, 194) }
```

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

```
.background{ background-color: rgb(209,  
175, 194) }
```

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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