

Converting Colors

CIELCh(76, 30.059, 327.659)

Have a look what the booklet for
CIELCh(76, 30.059, 327.659)
contains.

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Color

CIELCh(76, 29.874, 327.989)

Conversions

Conversions Part 1

Format	Color
Hex	DDACD9
RGB	221, 172, 217
RGB Percent	87%, 67%, 85%
CMY	0.1333, 0.3255, 0.1490
CMYK	0.00, 0.22, 0.02, 0.13
HSL	305°, 42%, 77%
HSV	305°, 22%, 87%
XYZ	57.0960, 49.8872, 72.2654
YIQ	191.7810, 14.7590, 24.3830

Conversions

Conversions Part 2

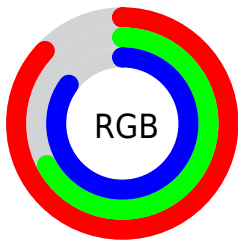
Format	Color
R _Y B	221, 172, 217
Decimal	14527705
CIE Lab	76.00, 25.33, -15.84
CIE LCh	76, 29.874, 327.989
Yxy	49.8872, 0.3185, 0.2783
Android (android.graphics.Color)	4292717785 (0xFFDDACD9)
YUV	191.7810, 12.4330, 25.6251
Hunter-Lab	70.6309, 20.6901, -11.2204

Details

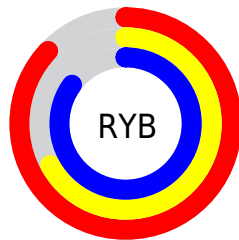
The CIELCh color $76, 29.874, 327.989$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $84, 29.833, 145.235$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 16.877, 325.009$, and $56, 29.932, 327.790$ is the 20% darker color. If you saturate the color by 10%, you get $71, 43.236, 328.570$, and if you desaturate by 10%, it is $81, 16.348, 327.402$.

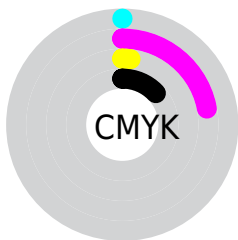
Distribution



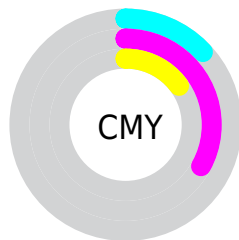
- Red (87%)
- Green (67%)
- Blue (85%)



- Red (87%)
- Yellow (67%)
- Blue (85%)



- Cyan (0%)
- Magenta (22%)
- Yellow (2%)
- Black (13%)





- Cyan (13%)
- Magenta (33%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 29.874, 327.989 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 76, 29.874, 327.989 by changing the saturation by 10% instead.

 76, 29.874,
327.989

 76, 29.874,
327.989


 100, 29.874,
327.989


 66, 29.874,
327.989


 96, 29.874,
327.989

 56, 29.874,
327.989

 46, 29.874,
327.989

 36, 29.874,
327.989

 26, 29.874,
327.989

 16, 29.874,
327.989

 6, 29.874, 327.989

0, 29.874, 327.989

76, 29.874,
327.989

76, 29.874,
327.989

71, 43.236,
328.570

81, 16.348,
327.402

66, 56.106,
329.138

87, 2.901, 326.744

62, 68.037,
329.682

93, 10.318,
146.318

58, 78.497,
330.195

97, 19.912,
146.278

55, 86.928,
330.669

97, 19.176,
147.913

53, 92.878,
331.105

97, 18.455,
149.673

■ 52, 96.155,
331.512

■ 97, 17.751,
151.569

■ 51, 97.218,
331.820

■ 97, 17.066,
153.614

■ 97, 16.402,
155.823

Harmonies

Complementary

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



76, 29.874, 327.989



84, 29.833, 145.235

Rectangle

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



76, 29.874, 327.989



76, 29.874, 17.989



76, 29.874, 147.989



76, 29.874, 197.989

Sweetspot

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



76, 29.871, 327.989



96, 10.530, 327.094



72, 26.765, 295.059



51, 6.844, 327.132



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 29.871, 327.989



84, 40.838, 328.284



75, 21.561, 349.510



43, 7.567, 327.238



40, 81.202, 331.757



7, 32.642, 331.032

Inverse Universe

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



76, 29.871, 327.989



84, 40.838, 328.284



84, 20.762, 165.362



43, 7.567, 327.238



40, 81.202, 331.757



7, 32.642, 331.032

Previews

White Background



This preview shows how the CIELCh color 76, 29.874, 327.989 looks on a white background.

Color Contrast Check

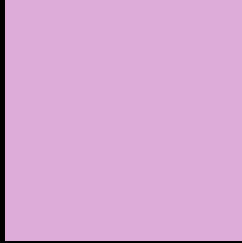
Large Text (above 18pt) WCAG AA × Fail

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 76, 29.874, 327.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

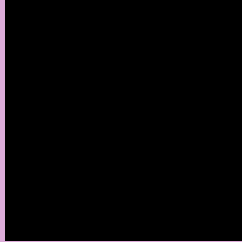
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 29.874, 327.989

Background



This preview shows how black text looks on a background with the CIELCh color 76, 29.874, 327.989.



This preview shows how white text looks on a background with the CIELCh color 76, 29.874, 327.989.

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
76, 16.589, 356.075

Trichromacy



Original Color
76, 29.874, 327.989

Protanomaly
76, 23.183, 303.332

Deuteranomaly
76, 21.773, 314.803

Tritanomaly
76, 20.792, 341.084

Monochromacy



Original Color
76, 29.874, 327.989

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 10.871, 328.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 29.874, 327.989 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(221, 172, 217)` looks like.

```
.text, #text, p{  
    color:rgb(221, 172, 217)  
}
```

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(221, 172, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 172, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 29.874, 327.989 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(221, 172, 217) }
```

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

```
.border{ border-color:rgb(221, 172, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 172, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 172, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 172, 217);  
box-shadow:4px 4px 4px 4px rgb(221, 172,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 29.874, 327.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 172, 217) }
```

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

```
.background{ background-color: rgb(221,  
172, 217) }
```

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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