

Converting Colors

CIELCh(76, 26.990, 327.095)

Have a look what the booklet for
CIELCh(76, 26.990, 327.095)
contains.

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Color

CIELCh(76, 26.938, 326.812)

Conversions

Conversions Part 1

Format	Color
Hex	D9AED7
RGB	217, 174, 215
RGB Percent	85%, 68%, 84%
CMY	0.1493, 0.3179, 0.1571
CMYK	0.00, 0.20, 0.01, 0.15
HSL	303°, 36%, 77%
HSV	303°, 20%, 85%
XYZ	55.9716, 49.8872, 70.9192
YIQ	191.5310, 12.4670, 21.8670

Conversions

Conversions Part 2

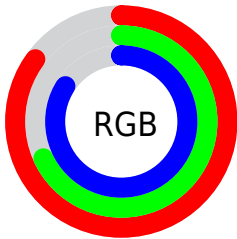
Format	Color
R _Y B	217, 174, 215
Decimal	14266071
CIE Lab	76.00, 22.54, -14.75
CIE LCh	76, 26.938, 326.812
Yxy	49.8872, 0.3166, 0.2822
Android (android.graphics.Color)	4292456151 (0xFFD9AED7)
YUV	191.5310, 11.5702, 22.3363
Hunter-Lab	70.6309, 17.8486, -10.0903

Details

The CIELCh color $76, 26.938, 326.812$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $83, 26.908, 144.426$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 15.620, 324.964$, and $56, 27.083, 327.159$ is the 20% darker color. If you saturate the color by 10%, you get $71, 40.476, 327.374$, and if you desaturate by 10%, it is $81, 13.294, 326.238$.

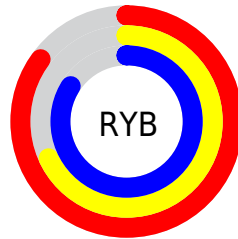
Distribution



Red (85%)

Green (68%)

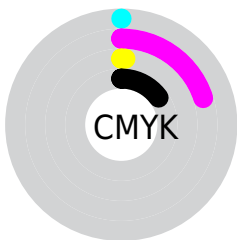
Blue (84%)



Red (85%)

Yellow (68%)

Blue (84%)

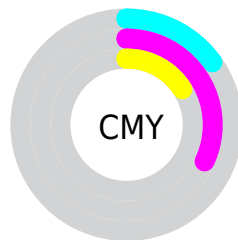


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (15%)



Cyan (15%)


Magenta (32%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 26.938, 326.812 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, 26.938, 326.812 by changing the saturation by 10% instead.


 76, 26.938,
326.812


 76, 26.938,
326.812


 100, 26.938,
326.812


 66, 26.938,
326.812


 96, 26.938,
326.812

 56, 26.938,
326.812

 46, 26.938,
326.812

 36, 26.938,
326.812

 26, 26.938,
326.812

 16, 26.938,
326.812

 6, 26.938, 326.812

0, 26.938, 326.812

76, 26.938,
326.812

76, 26.938,
326.812

71, 40.476,
327.374

81, 13.294,
326.238

66, 53.605,
327.917

87, 0.233, 146.926

62, 65.903,
328.428

92, 13.506,
145.178

58, 76.862,
328.896

97, 22.966,
144.974

55, 85.934,
329.308

97, 22.546,
145.731

53, 92.643,
329.658

97, 22.130,
146.516

■ 52, 96.738,
329.947

■ 97, 21.718,
147.329

■ 51, 98.559,
330.190

■ 97, 21.309,
148.173

■ 51, 98.586,
330.194

■ 97, 20.905,
149.048

Harmonies

Complementary

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



76, 26.938, 326.812



83, 26.908, 144.426

Rectangle

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



76, 26.938, 326.812



76, 26.938, 16.812



76, 26.938, 146.812



76, 26.938, 196.812

Sweetspot

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



76, 26.936, 326.812



96, 9.241, 326.014



73, 23.432, 293.595



51, 6.132, 326.054



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, 26.936, 326.812



85, 37.197, 327.061



75, 19.320, 347.274



43, 7.752, 326.216



41, 83.464, 330.163



7, 33.458, 329.747

Inverse Universe

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



76, 26.936, 326.812



85, 37.197, 327.061



83, 18.767, 163.721



43, 7.752, 326.216



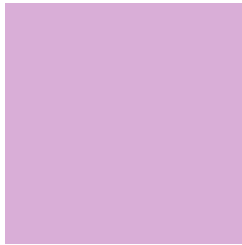
41, 83.464, 330.163



7, 33.458, 329.747

Previews

White Background



This preview shows how the CIELCh color 76, 26.938, 326.812 looks on a white background.

Color Contrast Check

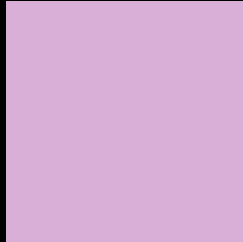
Large Text (above 18pt) WCAG AA × Fail

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, 26.938, 326.812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

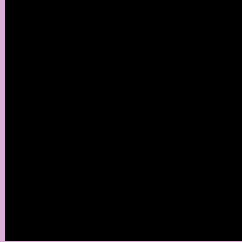
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 26.938, 326.812

Background



This preview shows how black text looks on a background with the CIELCh color 76, 26.938, 326.812.



This preview shows how white text looks on a background with the CIELCh color 76, 26.938, 326.812.

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, 15.437, 351.684

Trichromacy



Original Color
76, 26.938, 326.812

Protanomaly
76, 20.920, 302.509

Deuteranomaly
76, 20.009, 314.696

Tritanomaly
76, 18.698, 339.740

Monochromacy



Original Color
76, 26.938, 326.812

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 9.797, 324.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 26.938, 326.812 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(217, 174, 215)` looks like.

```
.text, #text, p{  
    color:rgb(217, 174, 215)  
}
```

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(217, 174, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 174, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 26.938, 326.812 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(217, 174, 215) }
```

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

```
.border{ border-color:rgb(217, 174, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 174, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 174, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 174, 215);  
box-shadow:4px 4px 4px 4px rgb(217, 174,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 26.938, 326.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 174, 215) }
```

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

```
.background{ background-color: rgb(217,  
174, 215) }
```

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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