

Converting Colors

CIELCh(76, 25.188, 343.062)

Have a look what the booklet for
CIELCh(76, 25.188, 343.062)
contains.

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Color

CIELCh(76, 25.250, 343.767)

Conversions

Conversions Part 1

Format	Color
Hex	E2ACC9
RGB	226, 172, 201
RGB Percent	89%, 67%, 79%
CMY	0.1137, 0.3255, 0.2118
CMYK	0.00, 0.24, 0.11, 0.11
HSL	328°, 48%, 78%
HSV	328°, 24%, 89%
XYZ	56.6553, 49.8872, 61.8976
YIQ	191.4520, 22.8750, 20.4670

Conversions

Conversions Part 2

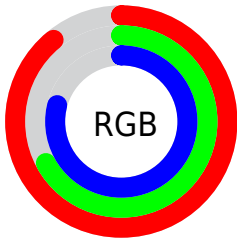
Format	Color
R _Y B	226, 172, 201
Decimal	14855369
CIE Lab	76.00, 24.24, -7.06
CIE LCh	76, 25.250, 343.767
Yxy	49.8872, 0.3364, 0.2962
Android (android.graphics.Color)	4293045449 (0xFFE2ACC9)
YUV	191.4520, 4.7072, 30.2986
Hunter-Lab	70.6309, 19.5764, -2.5173

Details

The CIELCh color $76, 25.250, 343.767$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $86, 24.630, 159.620$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 16.877, 325.009$, and $56, 25.394, 343.685$ is the 20% darker color. If you saturate the color by 10%, you get $71, 35.902, 344.813$, and if you desaturate by 10%, it is $82, 14.565, 342.828$.

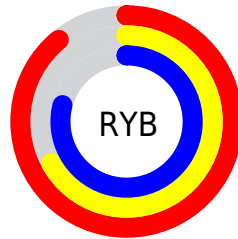
Distribution



Red (89%)

Green (67%)

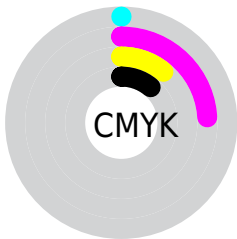
Blue (79%)



Red (89%)

Yellow (67%)

Blue (79%)

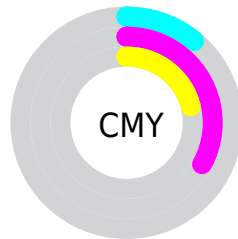


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (11%)



Cyan (11%)


Magenta (33%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 25.250, 343.767 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, 25.250, 343.767 by changing the saturation by 10% instead.


 76, 25.250,
343.767

 76, 25.250,
343.767


 100, 25.250,
343.767


 66, 25.250,
343.767


 96, 25.250,
343.767

 56, 25.250,
343.767

 46, 25.250,
343.767

 36, 25.250,
343.767

 26, 25.250,
343.767

 16, 25.250,
343.767

 6, 25.250, 343.767

0, 25.250, 343.767

76, 25.250,
343.767

76, 25.250,
343.767

71, 35.902,
344.813

82, 14.565,
342.828

65, 46.246,
346.000

88, 4.038, 341.912

61, 55.878,
347.382

94, 6.227, 161.321

57, 64.287,
349.035

98, 11.899,
167.283

53, 70.921,
351.065

98, 9.930, 193.851

51, 75.331,
353.611

98, 9.845, 198.851

■ 50, 77.389,
356.825

■ 49, 77.854,
359.089

Harmonies

Complementary

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



76, 25.250, 343.767



86, 24.630, 159.620

Rectangle

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



76, 25.250, 343.767



76, 25.250, 33.767



76, 25.250, 163.767



76, 25.250, 213.767

Sweetspot

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



76, 25.247, 343.769



95, 8.035, 342.216



74, 30.565, 308.520



50, 5.225, 342.271



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, 25.247, 343.769



82, 33.869, 344.307



75, 21.090, 17.344



44, 5.892, 342.431



38, 64.703, 358.379



6, 26.841, 351.989

Inverse Universe

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



76, 25.247, 343.769



82, 33.869, 344.307



86, 18.245, 193.700



44, 5.892, 342.431



38, 64.703, 358.379



6, 26.841, 351.989

Previews

White Background



This preview shows how the CIELCh color 76, 25.250, 343.767 looks on a white background.

Color Contrast Check

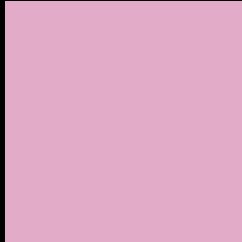
Large Text (above 18pt) WCAG AA × Fail

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, 25.250, 343.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

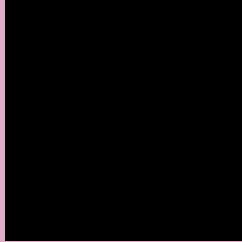
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 25.250, 343.767

Background



This preview shows how black text looks on a background with the CIELCh color 76, 25.250, 343.767.

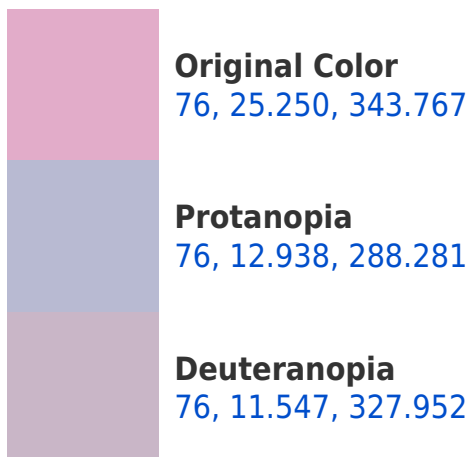


This preview shows how white text looks on a background with the CIELCh color 76, 25.250, 343.767.

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, 20.351, 359.688

Trichromacy



Original Color
76, 25.250, 343.767

Protanomaly
76, 15.512, 316.004

Deuteranomaly
76, 16.723, 335.845

Tritanomaly
76, 22.225, 352.673

Monochromacy



Original Color
76, 25.250, 343.767

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 9.502, 341.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 25.250, 343.767 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(226, 172, 201)` looks like.

```
.text, #text, p{  
    color:rgb(226, 172, 201)  
}
```

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(226, 172, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 172, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 25.250, 343.767 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(226, 172, 201) }
```

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

```
.border{ border-color:rgb(226, 172, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 172, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 172, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 172, 201);  
box-shadow:4px 4px 4px 4px rgb(226, 172,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 25.250, 343.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 172, 201) }
```

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

```
.background{ background-color: rgb(226,  
172, 201) }
```

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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