

Converting Colors

CIELCh(76, 20.921, 344.254)

Have a look what the booklet for
CIELCh(76, 20.921, 344.254)
contains.

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Color

CIELCh(76, 20.751, 344.829)

Conversions

Conversions Part 1

Format	Color
Hex	DCAFC6
RGB	220, 175, 198
RGB Percent	86%, 69%, 78%
CMY	0.1377, 0.3141, 0.2240
CMYK	0.00, 0.20, 0.10, 0.14
HSL	329°, 39%, 77%
HSV	329°, 20%, 86%
XYZ	54.9696, 49.8872, 60.0909
YIQ	191.0770, 19.4370, 16.6930

Conversions

Conversions Part 2

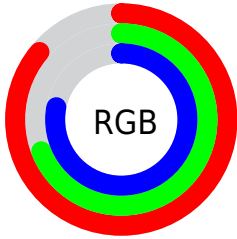
Format	Color
R_{YB}	220, 175, 198
Decimal	14462918
CIE _{Lab}	76.00, 20.03, -5.43
CIE _{LCh}	76, 20.751, 344.829
Yxy	49.8872, 0.3333, 0.3024
Android (android.graphics.Color)	4292652998 (0xFFDCAFC6)
YUV	191.0770, 3.4130, 25.3655
Hunter-Lab	70.6309, 15.3162, -1.0007

Details

The CIELCh color $76, 20.751, 344.829$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $84, 20.250, 161.280$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 14.992, 324.942$, and $56, 20.999, 345.316$ is the 20% darker color. If you saturate the color by 10%, you get $71, 31.057, 345.872$, and if you desaturate by 10%, it is $82, 10.503, 343.889$.

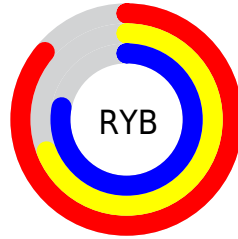
Distribution



Red (86%)

Green (69%)

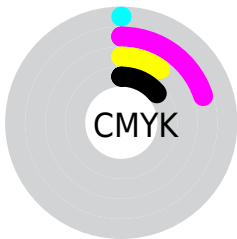
Blue (78%)



Red (86%)

Yellow (69%)

Blue (78%)

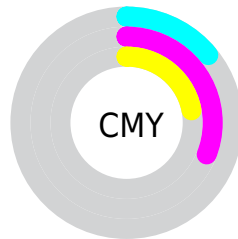


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (14%)



Cyan (14%)


Magenta (31%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 20.751, 344.829 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, 20.751, 344.829 by changing the saturation by 10% instead.


 76, 20.751,
344.829


 76, 20.751,
344.829


 100, 20.751,
344.829


 66, 20.751,
344.829


 96, 20.751,
344.829

 56, 20.751,
344.829

 46, 20.751,
344.829

 36, 20.751,
344.829

 26, 20.751,
344.829

 16, 20.751,
344.829

 6, 20.751, 344.829

0, 20.751, 344.829

76, 20.751,
344.829

76, 20.751,
344.829

71, 31.057,
345.872

82, 10.503,
343.889

65, 41.195,
347.053

87, 0.464, 342.166

61, 50.818,
348.427

93, 9.288, 162.384

56, 59.471,
350.068

97, 14.223,
168.077

53, 66.625,
352.077

98, 12.071,
190.497

50, 71.792,
354.594

98, 11.839,
198.715

■ 48, 74.724,
357.781

■ 47, 75.847, 1.477

Harmonies

Complementary

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



76, 20.751, 344.829



84, 20.250, 161.280

Rectangle

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



76, 20.751, 344.829



76, 20.751, 34.829



76, 20.751, 164.829



76, 20.751, 214.829

Sweetspot

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



76, 20.748, 344.831



96, 6.758, 343.481



75, 25.618, 309.462



51, 4.486, 343.544



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, 20.748, 344.831



84, 28.682, 345.310



75, 17.475, 19.575



43, 5.680, 343.795



37, 63.621, 0.738



6, 25.184, 353.738

Inverse Universe

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



76, 20.748, 344.831



84, 28.682, 345.310



85, 15.332, 196.881



43, 5.680, 343.795



37, 63.621, 0.738



6, 25.184, 353.738

Previews

White Background



This preview shows how the CIELCh color 76, 20.751, 344.829 looks on a white background.

Color Contrast Check

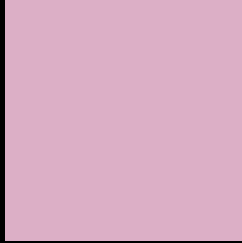
Large Text (above 18pt) WCAG AA × Fail

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, 20.751, 344.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

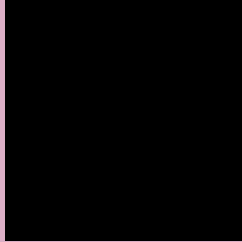
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 20.751, 344.829

Background



This preview shows how black text looks on a background with the CIELCh color 76, 20.751, 344.829.

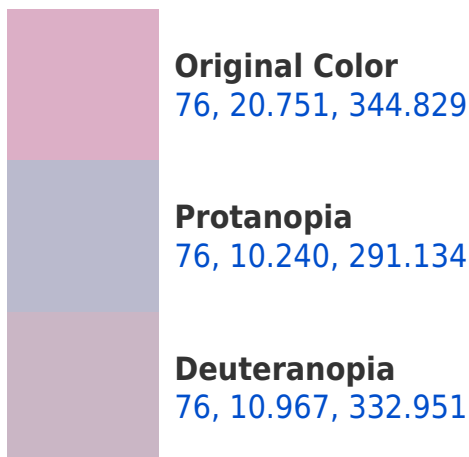


This preview shows how white text looks on a background with the CIELCh color 76, 20.751, 344.829.

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, 17.844, 356.177

Trichromacy



Original Color
76, 20.751, 344.829

Protanomaly
76, 12.304, 319.229

Deuteranomaly
76, 14.750, 339.711

Tritanomaly
76, 18.497, 351.586

Monochromacy



Original Color
76, 20.751, 344.829

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 7.966, 342.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 20.751, 344.829 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(220, 175, 198)` looks like.

```
.text, #text, p{  
    color:rgb(220, 175, 198)  
}
```

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(220, 175, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 175, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 20.751, 344.829 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(220, 175, 198) }
```

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

```
.border{ border-color:rgb(220, 175, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 175, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 175, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 175, 198);  
box-shadow:4px 4px 4px 4px rgb(220, 175,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 20.751, 344.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 175, 198) }
```

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

```
.background{ background-color: rgb(220,  
175, 198) }
```

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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