

Converting Colors

CIELCh(76, 36.430, 82.943)

Have a look what the booklet for
CIELCh(76, 36.430, 82.943) contains.

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Color

CIELCh(76, 36.430, 82.943)

Conversions

Conversions Part 1

Format	Color
Hex	DAB779
RGB	218, 183, 121
RGB Percent	85%, 72%, 47%
CMY	0.1470, 0.2841, 0.5271
CMYK	0.00, 0.16, 0.45, 0.15
HSL	38°, 56%, 66%
HSV	38°, 45%, 85%
XYZ	49.0400, 49.8872, 24.9991
YIQ	186.3970, 40.7620, -11.8620

Conversions

Conversions Part 2

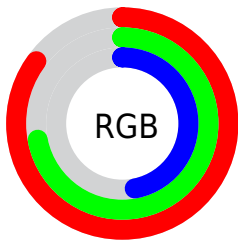
Format	Color
RYB	176, 218, 121
Decimal	14333817
CIELab	76.00, 4.48, 36.15
CIELCh	76, 36.430, 82.943
Yxy	49.8872, 0.3957, 0.4026
Android (android.graphics.Color)	4292523897 (0xFFDAB779)
YUV	186.3970, -32.2407, 27.7158
Hunter-Lab	70.6309, 0.3309, 28.4566

Details

The CIELCh color **76, 36.430, 82.943** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64, 35.586, 276.801**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.686, 96.800**, and **56, 36.368, 82.866** is the 20% darker color. If you saturate the color by 10%, you get **74, 44.913, 81.503**, and if you desaturate by 10%, it is **78, 27.973, 84.344**.

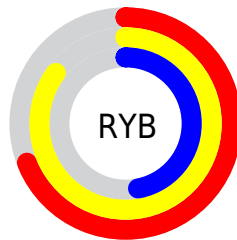
Distribution



Red (85%)

Green (72%)

Blue (47%)



Red (69%)

Yellow (85%)

Blue (47%)

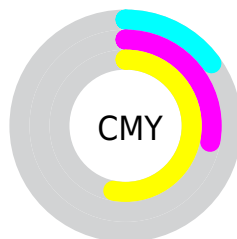


Cyan (0%)

Magenta (16%)

Yellow (45%)

Black (15%)



Cyan (15%)

Magenta (28%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 36.430, 82.943 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, 36.430, 82.943 by changing the saturation by 10% instead.

 76, 36.430, 82.943

 76, 36.430, 82.943

 100, 36.430,
82.943

 66, 36.430, 82.943

 96, 36.430, 82.943

 56, 36.430, 82.943

 46, 36.430, 82.943

 36, 36.430, 82.943

 26, 36.430, 82.943

 16, 36.430, 82.943

 6, 36.430, 82.943

 0, 36.430, 82.943

 76, 36.430, 82.943

 76, 36.430, 82.943

74, 44.913, 81.503

78, 27.973, 84.344

72, 53.205, 79.988

81, 19.649, 85.700

69, 60.902, 78.344

83, 11.505, 87.009

67, 67.332, 76.456

86, 3.556, 88.232

65, 71.615, 74.124

88, 4.199, 269.607

64, 73.187, 72.702

91, 11.770,
270.744

93, 11.113,
253.823

95, 10.467,
227.373

97, 11.998,
203.197

Harmonies

Complementary

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



76, 36.430, 82.943



64, 35.586, 276.801

Rectangle

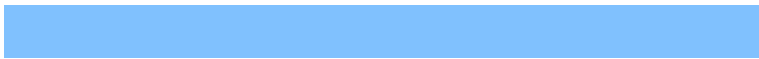
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 36.430, 82.943



76, 36.430, 132.943



76, 36.430, 262.943



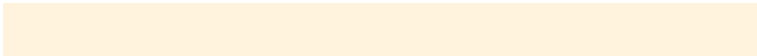
76, 36.430, 312.943

Sweetspot

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



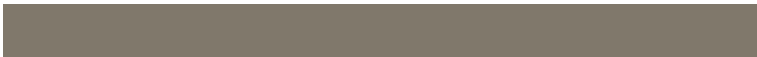
76, 36.430, 82.948



96, 11.658, 87.195



62, 41.892, 356.897



51, 8.182, 86.910



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, 36.430, 82.948



85, 49.601, 81.664



84, 49.686, 112.023



45, 4.483, 87.656



52, 61.787, 73.222



12, 19.163, 75.684

Inverse Universe

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



64, 35.586, 276.801



69, 48.443, 279.153



56, 55.684, 300.146



43, 4.468, 270.163



31, 69.716, 294.819



5, 21.946, 284.043

Previews

White Background



This preview shows how the CIELCh color 76, 36.430, 82.943 looks on a white background.

Color Contrast Check

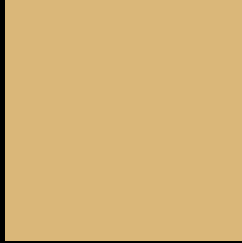
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 36.430, 82.943 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, 36.430, 82.943

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.430, 82.943.



This preview shows how white text looks on a background with the CIELCh color 76, 36.430, 82.943.

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

76, 36.430, 82.943

Protanopia

76, 34.728, 95.082

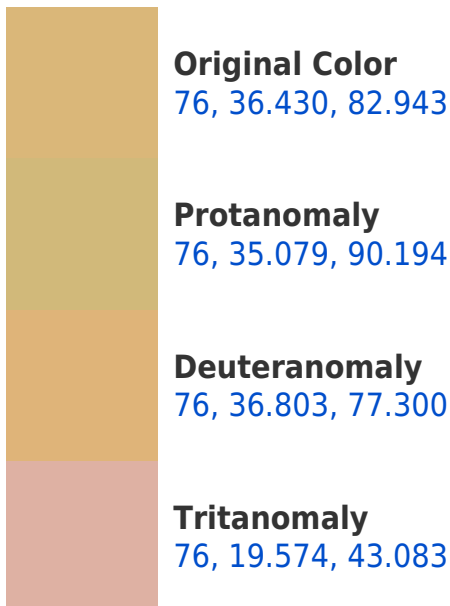
Deuteranopia

76, 37.343, 74.728

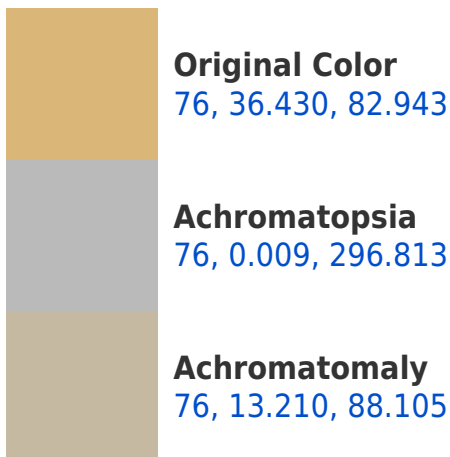


Tritanopia
76, 20.351, 359.688

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.430, 82.943 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(218, 183, 121)` looks like.

```
.text, #text, p{  
    color:rgb(218, 183, 121)  
}
```

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(218, 183, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 183, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.430, 82.943 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(218, 183, 121) }
```

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

```
.border{ border-color:rgb(218, 183, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 183, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 183, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 183, 121); box-shadow:4px 4px 4px 4px rgb(218, 183, 121) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.430, 82.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 183, 121) }
```

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

```
.background{ background-color: rgb(218,  
183, 121) }
```

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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