

Converting Colors

CIELCh(76, 36.489, 88.957)

Have a look what the booklet for
CIELCh(76, 36.489, 88.957) contains.

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Color

CIELCh(76, 36.348, 89.246)

Conversions

Conversions Part 1

Format	Color
Hex	D3B978
RGB	211, 185, 120
RGB Percent	83%, 73%, 47%
CMY	0.1727, 0.2746, 0.5295
CMYK	0.00, 0.12, 0.43, 0.17
HSL	43°, 51%, 65%
HSV	43°, 43%, 83%
XYZ	47.5881, 49.8872, 24.8824
YIQ	185.3640, 36.3610, -14.7030

Conversions

Conversions Part 2

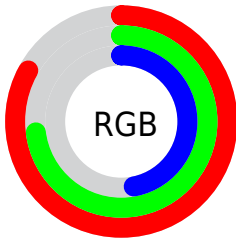
Format	Color
RYB	156, 211, 120
Decimal	13875576
CIELab	76.00, 0.48, 36.34
CIELCh	76, 36.348, 89.246
Yxy	49.8872, 0.3889, 0.4077
Android (android.graphics.Color)	4292065656 (0xFFD3B978)
YUV	185.3640, -32.2245, 22.4828
Hunter-Lab	70.6309, -3.3383, 28.5545

Details

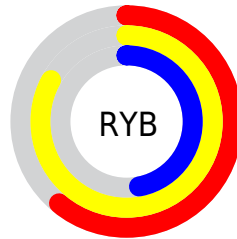
The CIELCh color **76, 36.348, 89.246** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 37.050, 281.984**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 34.975, 98.401**, and **56, 36.369, 88.959** is the 20% darker color. If you saturate the color by 10%, you get **74, 44.806, 87.877**, and if you desaturate by 10%, it is **78, 27.800, 90.586**.

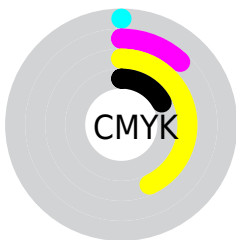
Distribution



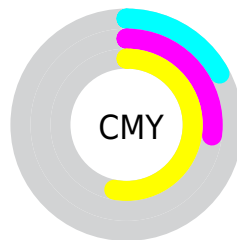
- Red (83%)
- Green (73%)
- Blue (47%)



- Red (61%)
- Yellow (83%)
- Blue (47%)



- Cyan (0%)
- Magenta (12%)
- Yellow (43%)
- Black (17%)



- Cyan (17%)
- Magenta (27%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 36.348, 89.246 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, 36.348, 89.246 by changing the saturation by 10% instead.

 76, 36.348, 89.246

 76, 36.348, 89.246

 100, 36.348,
89.246

 66, 36.348, 89.246

 96, 36.348, 89.246

 56, 36.348, 89.246

 46, 36.348, 89.246

 36, 36.348, 89.246

 26, 36.348, 89.246

 16, 36.348, 89.246

 6, 36.348, 89.246

 0, 36.348, 89.246

 76, 36.348, 89.246

 76, 36.348, 89.246

74, 44.806, 87.877

78, 27.800, 90.586

72, 52.942, 86.454

80, 19.283, 91.884

71, 60.361, 84.950

82, 10.861, 93.139

69, 66.436, 83.297

84, 2.562, 94.294

67, 70.390, 81.373

86, 5.603, 275.592

66, 71.956, 79.889

88, 13.633,
276.694

90, 15.304,
270.757

91, 13.328,
257.372

93, 12.270,
240.729

Harmonies

Complementary

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



76, 36.348, 89.246



61, 37.050, 281.984

Rectangle

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



76, 36.348, 89.246



76, 36.348, 139.246



76, 36.348, 269.246



76, 36.348, 319.246

Sweetspot

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



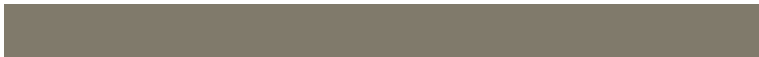
76, 36.349, 89.250



97, 12.540, 93.137



61, 38.682, 1.356



51, 8.791, 92.862



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, 36.349, 89.250



88, 51.147, 87.955



81, 47.352, 115.077



43, 4.643, 93.591



54, 60.870, 80.307



12, 17.461, 83.679

Inverse Universe

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



61, 37.050, 281.984



67, 52.709, 284.302



56, 52.517, 301.918



41, 4.665, 275.972



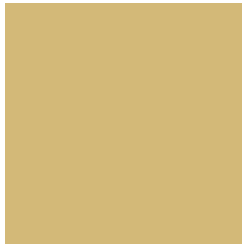
27, 76.454, 298.813



4, 20.594, 285.128

Previews

White Background



This preview shows how the CIELCh color 76, 36.348, 89.246 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, 36.348, 89.246 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, 36.348, 89.246

Background



This preview shows how black text looks on a background with the CIELCh color 76, 36.348, 89.246.



This preview shows how white text looks on a background with the CIELCh color 76, 36.348, 89.246.

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, 36.348, 89.246

Protanopia

76, 35.741, 95.292

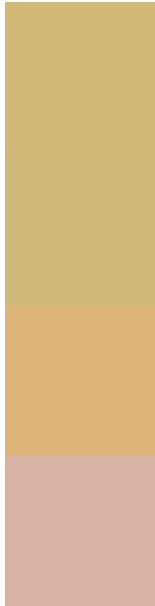
Deuteranopia

76, 37.343, 74.728



Tritanopia
76, 17.498, 355.606

Trichromacy



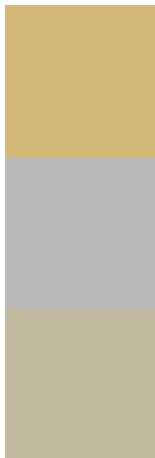
Original Color
76, 36.348, 89.246

Protanomaly
76, 35.680, 92.507

Deuteranomaly
76, 36.563, 79.361

Tritanomaly
76, 16.188, 47.850

Monochromacy



Original Color
76, 36.348, 89.246

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 13.352, 93.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 36.348, 89.246 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(211, 185, 120)` looks like.

```
.text, #text, p{  
    color:rgb(211, 185, 120)  
}
```

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(211, 185, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 185, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 36.348, 89.246 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(211, 185, 120) }
```

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

```
.border{ border-color:rgb(211, 185, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 185, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 185, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 185, 120);  
box-shadow:4px 4px 4px 4px rgb(211, 185,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 36.348, 89.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 185, 120) }
```

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

```
.background{ background-color: rgb(211,  
185, 120) }
```

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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