

Converting Colors

CIELCh(76, 33.710, 85.706)

Have a look what the booklet for
CIELCh(76, 33.710, 85.706) contains.

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Color

CIELCh(76, 33.869, 86.028)

Conversions

Conversions Part 1

Format	Color
Hex	D5B87D
RGB	213, 184, 125
RGB Percent	84%, 72%, 49%
CMY	0.1648, 0.2785, 0.5099
CMYK	0.00, 0.14, 0.41, 0.16
HSL	40°, 51%, 66%
HSV	40°, 41%, 84%
XYZ	48.2629, 49.8872, 26.4764
YIQ	185.9450, 36.2230, -12.2010

Conversions

Conversions Part 2

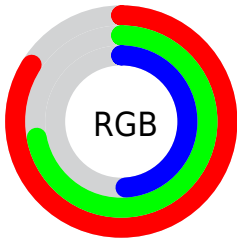
Format	Color
R _{YB}	168, 213, 125
Decimal	14006397
CIE Lab	76.00, 2.35, 33.79
CIE LCh	76, 33.869, 86.028
Yxy	49.8872, 0.3873, 0.4003
Android (android.graphics.Color)	4292196477 (0xFFD5B87D)
YUV	185.9450, -30.0459, 23.7272
Hunter-Lab	70.6309, -1.6330, 27.2164

Details

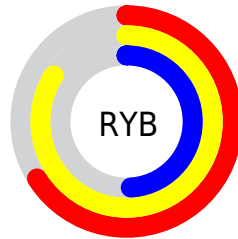
The CIELCh color **76, 33.869, 86.028** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64, 33.706, 278.446**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 32.102, 97.163**, and **56, 33.861, 85.669** is the 20% darker color. If you saturate the color by 10%, you get **74, 42.288, 84.623**, and if you desaturate by 10%, it is **78, 25.464, 87.399**.

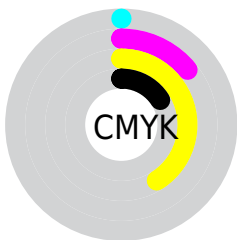
Distribution



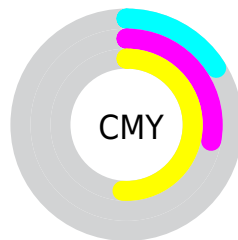
- Red (84%)
- Green (72%)
- Blue (49%)



- Red (66%)
- Yellow (84%)
- Blue (49%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (16%)



- Cyan (16%)
- Magenta (28%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 33.869, 86.028 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, 33.869, 86.028 by changing the saturation by 10% instead.

■ 76, 33.869, 86.028

■ 76, 33.869, 86.028

■ 100, 33.869,
86.028

■ 66, 33.869, 86.028

■ 96, 33.869, 86.028

■ 56, 33.869, 86.028

■ 46, 33.869, 86.028

■ 36, 33.869, 86.028

■ 26, 33.869, 86.028

■ 16, 33.869, 86.028

■ 6, 33.869, 86.028

■ 0, 33.869, 86.028

■ 76, 33.869, 86.028

■ 76, 33.869, 86.028

74, 42.288, 84.623

78, 25.464, 87.399

72, 50.534, 83.157

80, 17.165, 88.724

70, 58.264, 81.598

83, 9.016, 90.000

68, 64.903, 79.864

85, 1.032, 91.030

66, 69.641, 77.811

87, 6.787, 272.505

65, 72.049, 75.714

90, 14.447,
273.631

92, 13.027,
260.055

93, 11.719,
240.096

95, 12.010,
218.542

Harmonies

Complementary

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



76, 33.869, 86.028



64, 33.706, 278.446

Rectangle

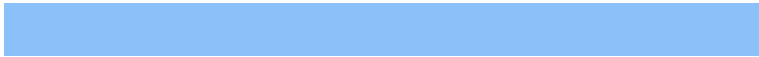
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 33.869, 86.028



76, 33.869, 136.028



76, 33.869, 266.028



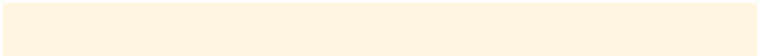
76, 33.869, 316.028

Sweetspot

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



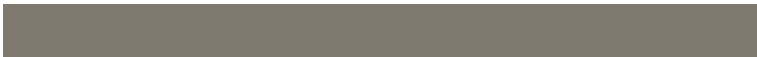
76, 33.870, 86.033



97, 11.073, 89.900



63, 37.708, 358.664



51, 7.355, 89.734



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, 33.870, 86.033



87, 47.673, 84.738



82, 45.624, 113.733



44, 4.532, 90.234



53, 61.161, 76.185



12, 18.207, 79.029

Inverse Universe

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



64, 33.706, 278.446



70, 47.608, 280.713



57, 50.475, 300.695



42, 4.533, 272.693



29, 72.461, 296.602



5, 21.267, 284.425

Previews

White Background



This preview shows how the CIELCh color 76, 33.869, 86.028 looks on a white background.

Color Contrast Check

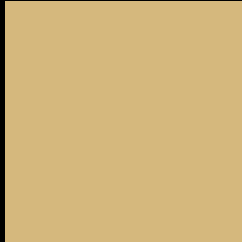
Large Text (above 18pt) WCAG AA × Fail

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, 33.869, 86.028 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, 33.869, 86.028

Background



This preview shows how black text looks on a background with the CIELCh color 76, 33.869, 86.028.



This preview shows how white text looks on a background with the CIELCh color 76, 33.869, 86.028.

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, 33.869, 86.028

Protanopia

76, 33.111, 95.440

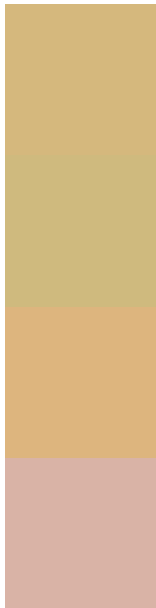
Deuteranopia

76, 34.810, 73.417



Tritanopia
76, 18.008, 358.307

Trichromacy



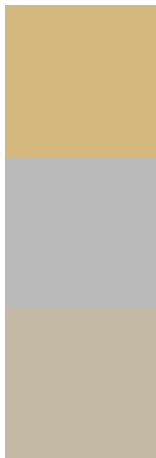
Original Color
76, 33.869, 86.028

Protanomaly
76, 33.162, 91.746

Deuteranomaly
76, 34.205, 77.739

Tritanomaly
76, 16.649, 45.055

Monochromacy



Original Color
76, 33.869, 86.028

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 12.059, 88.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 33.869, 86.028 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(213, 184, 125)` looks like.

```
.text, #text, p{  
    color:rgb(213, 184, 125)  
}
```

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(213, 184, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 184, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 33.869, 86.028 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(213, 184, 125) }
```

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

```
.border{ border-color:rgb(213, 184, 125) }
```

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

Here you see how a box with a 4 pixel rgb(213, 184, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 184, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 184, 125);  
box-shadow:4px 4px 4px 4px rgb(213, 184,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 33.869, 86.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 184, 125) }
```

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

```
.background{ background-color: rgb(213,  
184, 125) }
```

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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