

Converting Colors

CIELCh(76, 34.536, 76.688)

Have a look what the booklet for
CIELCh(76, 34.536, 76.688) contains.

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Color

CIELCh(76, 34.241, 76.149)

Conversions

Conversions Part 1

Format	Color
Hex	DEB47E
RGB	222, 180, 126
RGB Percent	87%, 71%, 49%
CMY	0.1279, 0.2927, 0.5046
CMYK	0.00, 0.19, 0.43, 0.13
HSL	34°, 60%, 68%
HSV	34°, 43%, 87%
XYZ	50.4180, 49.8872, 26.8230
YIQ	186.4020, 42.3660, -7.8900

Conversions

Conversions Part 2

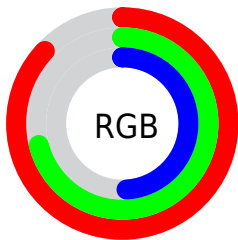
Format	Color
R _Y B	201, 222, 126
Decimal	14595198
CIE Lab	76.00, 8.20, 33.25
CIE LCh	76, 34.241, 76.149
Yxy	49.8872, 0.3966, 0.3924
Android (android.graphics.Color)	4292785278 (0xFFDEB47E)
YUV	186.4020, -29.7782, 31.2194
Hunter-Lab	70.6309, 3.8134, 26.9255

Details

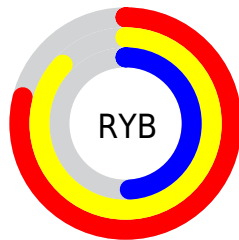
The CIELCh color $76, 34.241, 76.149$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $68, 31.740, 269.651$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 30.079, 93.558$, and $56, 34.206, 75.784$ is the 20% darker color. If you saturate the color by 10%, you get $73, 42.822, 74.747$, and if you desaturate by 10%, it is $79, 25.858, 77.524$.

Distribution



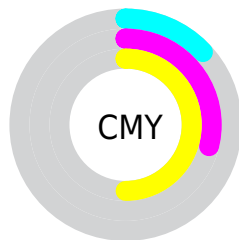
- Red (87%)
- Green (71%)
- Blue (49%)



- Red (79%)
- Yellow (87%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (43%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 34.241, 76.149 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, 34.241, 76.149 by changing the saturation by 10% instead.

 76, 34.241, 76.149

 76, 34.241, 76.149

 100, 34.241,
76.149

 66, 34.241, 76.149

 96, 34.241, 76.149

 56, 34.241, 76.149

 46, 34.241, 76.149

 36, 34.241, 76.149

 26, 34.241, 76.149

 16, 34.241, 76.149

 6, 34.241, 76.149

 0, 34.241, 76.149

 76, 34.241, 76.149

 76, 34.241, 76.149

73, 42.822, 74.747

79, 25.858, 77.524

71, 51.440, 73.277

82, 17.740, 78.861

68, 59.764, 71.679

85, 9.904, 80.159

66, 67.171, 69.815

88, 2.346, 81.324

63, 72.717, 67.431

91, 4.953, 262.777

62, 75.361, 65.504

94, 9.929, 257.051

96, 9.356, 220.006

98, 11.031,
198.770

Harmonies

Complementary

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



76, 34.241, 76.149



68, 31.740, 269.651

Rectangle

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



76, 34.241, 76.149



76, 34.241, 126.149



76, 34.241, 256.149



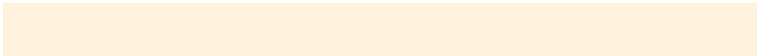
76, 34.241, 306.149

Sweetspot

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



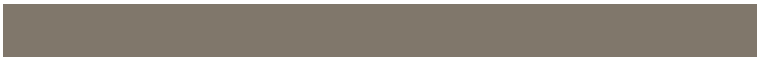
76, 34.241, 76.154



96, 10.908, 80.170



65, 42.888, 351.151



50, 7.664, 79.886



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, 34.241, 76.154



83, 46.731, 74.860



86, 48.849, 108.336



46, 4.266, 80.626



50, 63.154, 66.114



12, 19.823, 67.296

Inverse Universe

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



68, 31.740, 269.651



72, 42.671, 272.142



57, 54.743, 297.561



45, 4.211, 263.183



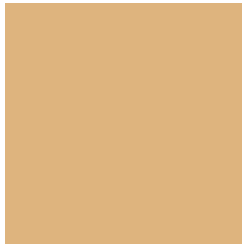
35, 61.523, 289.453



7, 20.967, 280.306

Previews

White Background



This preview shows how the CIELCh color 76, 34.241, 76.149 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, 34.241, 76.149 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, 34.241, 76.149

Background



This preview shows how black text looks on a background with the CIELCh color 76, 34.241, 76.149.



This preview shows how white text looks on a background with the CIELCh color 76, 34.241, 76.149.

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](#).

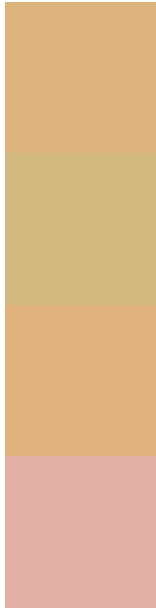
Dichromacy





Tritanopia
76, 22.047, 3.087

Trichromacy



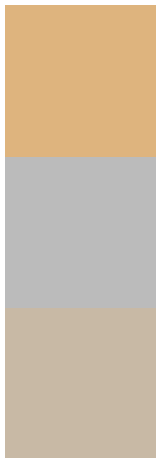
Original Color
76, 34.241, 76.149

Protanomaly
76, 32.220, 88.320

Deuteranomaly
76, 34.100, 73.584

Tritanomaly
76, 21.070, 38.539

Monochromacy



Original Color
76, 34.241, 76.149

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 12.235, 80.485

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 34.241, 76.149 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(222, 180, 126)` looks like.

```
.text, #text, p{  
    color:rgb(222, 180, 126)  
}
```

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(222, 180, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 180, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 34.241, 76.149 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(222, 180, 126) }
```

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

```
.border{ border-color:rgb(222, 180, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 180, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 180, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 180, 126);  
box-shadow:4px 4px 4px 4px rgb(222, 180,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 34.241, 76.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 180, 126) }
```

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

```
.background{ background-color: rgb(222,  
180, 126) }
```

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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