

Converting Colors

CIELCh(76, 27.156, 76.569)

Have a look what the booklet for
CIELCh(76, 27.156, 76.569) contains.

CIELCh(76, 27.177, 76.809)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 27.177, 76.809)

Conversions

Conversions Part 1

Format	Color
Hex	D8B68B
RGB	216, 182, 139
RGB Percent	85%, 71%, 55%
CMY	0.1532, 0.2865, 0.4551
CMYK	0.00, 0.16, 0.36, 0.15
HSL	34°, 50%, 70%
HSV	34°, 36%, 85%
XYZ	49.6760, 49.8872, 31.4179
YIQ	187.2640, 34.0670, -6.1650

Conversions

Conversions Part 2

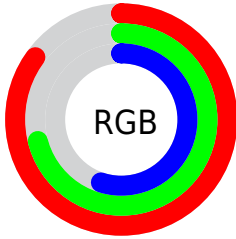
Format	Color
R _Y B	200, 216, 139
Decimal	14202507
CIE Lab	76.00, 6.20, 26.46
CIE LCh	76, 27.177, 76.809
Yxy	49.8872, 0.3793, 0.3809
Android (android.graphics.Color)	4292392587 (0xFFD8B68B)
YUV	187.2640, -23.7942, 25.2015
Hunter-Lab	70.6309, 1.9381, 23.0683

Details

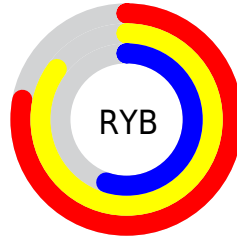
The CIELCh color **76, 27.177, 76.809** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70, 25.483, 267.468**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 23.919, 92.541**, and **56, 26.934, 76.214** is the 20% darker color. If you saturate the color by 10%, you get **73, 35.412, 75.444**, and if you desaturate by 10%, it is **79, 19.197, 78.155**.

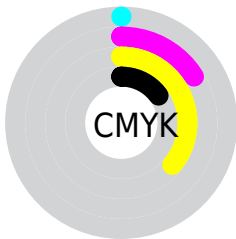
Distribution



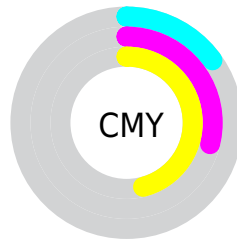
- Red (85%)
- Green (71%)
- Blue (55%)



- Red (78%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 27.177, 76.809 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, 27.177, 76.809 by changing the saturation by 10% instead.

■ 76, 27.177, 76.809

■ 76, 27.177, 76.809

■ 100, 27.177,
76.809

■ 66, 27.177, 76.809

■ 96, 27.177, 76.809

■ 56, 27.177, 76.809

■ 46, 27.177, 76.809

■ 36, 27.177, 76.809

■ 26, 27.177, 76.809

■ 16, 27.177, 76.809

■ 6, 27.177, 76.809

■ 0, 27.177, 76.809

■ 76, 27.177, 76.809

■ 76, 27.177, 76.809

73, 35.412, 75.444

79, 19.197, 78.155

71, 43.821, 74.033

82, 11.496, 79.459

68, 52.219, 72.549

85, 4.072, 80.687

66, 60.230, 70.915

88, 3.091, 262.125

63, 67.171, 68.965

91, 10.015,
263.250

61, 72.080, 66.419

93, 11.132,
246.484

60, 73.784, 65.216

96, 11.372,
215.396

97, 13.110,
198.630

Harmonies

Complementary

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



76, 27.177, 76.809



70, 25.483, 267.468

Rectangle

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



76, 27.177, 76.809



76, 27.177, 126.809



76, 27.177, 256.809



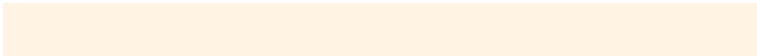
76, 27.177, 306.809

Sweetspot

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



76, 27.177, 76.815



96, 9.165, 80.034



67, 34.626, 350.098



51, 6.174, 79.863



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, 27.177, 76.815



86, 38.026, 75.755



84, 39.717, 108.982



44, 4.092, 80.243



48, 61.842, 65.846



10, 17.185, 66.277

Inverse Universe

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



70, 25.483, 267.468



77, 35.135, 269.299



61, 43.431, 296.337



43, 4.037, 262.786



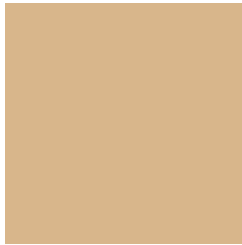
34, 59.610, 289.033



6, 18.649, 277.871

Previews

White Background



This preview shows how the CIELCh color 76, 27.177, 76.809 looks on a white background.

Color Contrast Check

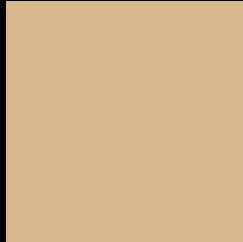
Large Text (above 18pt) WCAG AA × Fail

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, 27.177, 76.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

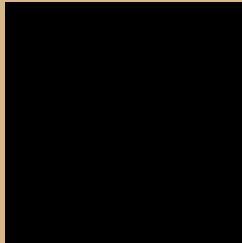
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 27.177, 76.809

Background



This preview shows how black text looks on a background with the CIELCh color 76, 27.177, 76.809.



This preview shows how white text looks on a background with the CIELCh color 76, 27.177, 76.809.

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, 27.177, 76.809

Protanopia

76, 25.221, 94.750

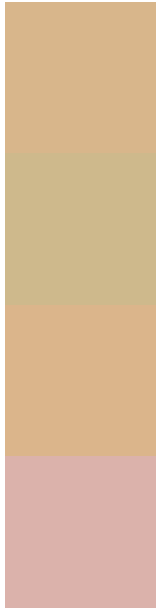
Deuteranopia

76, 28.074, 70.784



Tritanopia
76, 18.911, 357.783

Trichromacy



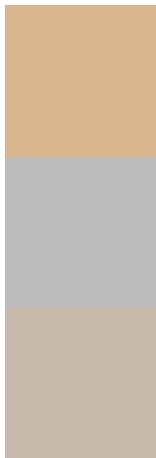
Original Color
76, 27.177, 76.809

Protanomaly
76, 25.614, 88.220

Deuteranomaly
76, 27.709, 73.395

Tritanomaly
76, 16.552, 33.668

Monochromacy



Original Color
76, 27.177, 76.809

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 9.487, 77.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 27.177, 76.809 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(216, 182, 139)` looks like.

```
.text, #text, p{  
    color:rgb(216, 182, 139)  
}
```

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(216, 182, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 182, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 27.177, 76.809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

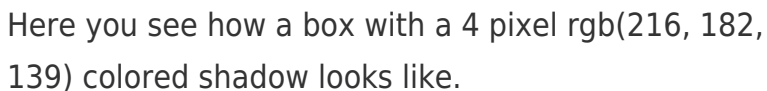
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 182, 139) }
```

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

```
.border{ border-color:rgb(216, 182, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 182, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 182, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 182, 139);  
box-shadow:4px 4px 4px 4px rgb(216, 182,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 27.177, 76.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 182, 139) }
```

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

```
.background{ background-color: rgb(216,  
182, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor