

Converting Colors

CIELCh(77, 26.050, 77.833)

Have a look what the booklet for
CIELCh(77, 26.050, 77.833) contains.

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Color

CIELCh(77, 26.170, 77.894)

Conversions

Conversions Part 1

Format	Color
Hex	D9B98F
RGB	217, 185, 143
RGB Percent	85%, 73%, 56%
CMY	0.1483, 0.2739, 0.4386
CMYK	0.00, 0.15, 0.34, 0.15
HSL	34°, 49%, 71%
HSV	34°, 34%, 85%
XYZ	51.0189, 51.5317, 33.3060
YIQ	189.7800, 32.5540, -6.2780

Conversions

Conversions Part 2

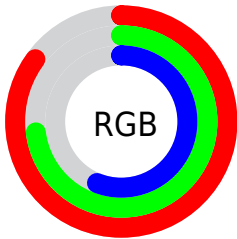
Format	Color
R _Y B	199, 217, 143
Decimal	14268815
CIE Lab	77.00, 5.49, 25.59
CIE LCh	77, 26.170, 77.894
Yxy	51.5317, 0.3755, 0.3793
Android (android.graphics.Color)	4292458895 (0xFFD9B98F)
YUV	189.7800, -23.0625, 23.8719
Hunter-Lab	71.7856, 1.2371, 22.7415

Details

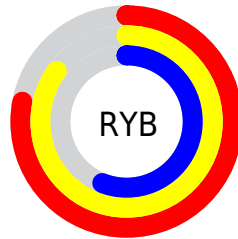
The CIELCh color **77, 26.170, 77.894** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71, 24.738, 268.014**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.072, 95.046**, and **57, 26.322, 77.958** is the 20% darker color. If you saturate the color by 10%, you get **74, 34.423, 76.525**, and if you desaturate by 10%, it is **80, 18.166, 79.242**.

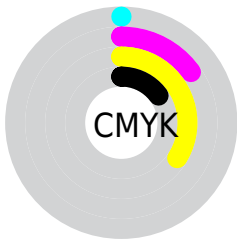
Distribution



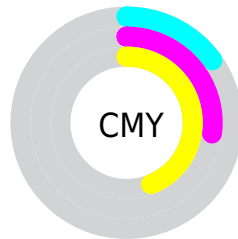
- Red (85%)
- Green (73%)
- Blue (56%)



- Red (78%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 26.170, 77.894 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 77, 26.170, 77.894 by changing the saturation by 10% instead.

■ 77, 26.170, 77.894

■ 77, 26.170, 77.894

■ 100, 26.170,
77.894

■ 67, 26.170, 77.894

■ 97, 26.170, 77.894

■ 57, 26.170, 77.894

■ 47, 26.170, 77.894

■ 37, 26.170, 77.894

■ 27, 26.170, 77.894

■ 17, 26.170, 77.894

■ 7, 26.170, 77.894

■ 0, 26.170, 77.894

■ 77, 26.170, 77.894

■ 77, 26.170, 77.894

74, 34.423, 76.525

80, 18.166, 79.242

72, 42.850, 75.110

83, 10.432, 80.545

69, 51.282, 73.628

86, 2.965, 81.745

67, 59.372, 72.011

89, 4.250, 263.176

64, 66.486, 70.114

91, 11.235,
264.322

62, 71.683, 67.680

94, 10.586,
240.187

61, 73.917, 66.022

96, 11.475,
209.344

97, 12.716,
198.657

Harmonies

Complementary

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



77, 26.170, 77.894



71, 24.738, 268.014

Rectangle

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



77, 26.170, 77.894



77, 26.170, 127.894



77, 26.170, 257.894



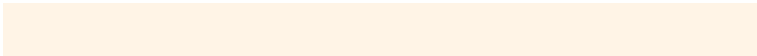
77, 26.170, 307.894

Sweetspot

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



77, 26.170, 77.900



97, 8.378, 81.047



68, 32.949, 350.931



51, 5.731, 80.870



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 26.170, 77.900



87, 36.311, 76.901



85, 38.220, 109.857



45, 4.203, 81.128



49, 62.388, 66.615



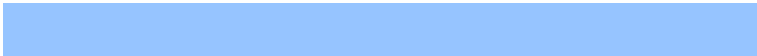
11, 18.553, 67.639

Inverse Universe

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



71, 24.738, 268.014



78, 33.893, 269.683



63, 41.582, 296.628



44, 4.152, 263.679



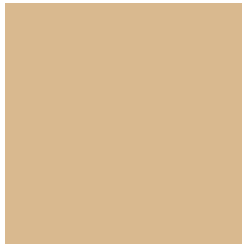
34, 61.378, 289.810



6, 20.024, 279.596

Previews

White Background



This preview shows how the CIELCh color 77, 26.170, 77.894 looks on a white background.

Color Contrast Check

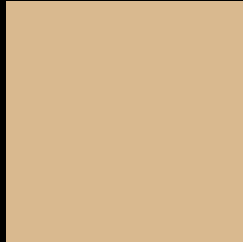
Large Text (above 18pt) WCAG AA × Fail

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 77, 26.170, 77.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

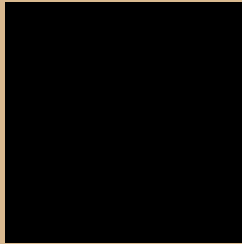
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 26.170, 77.894

Background



This preview shows how black text looks on a background with the CIELCh color 77, 26.170, 77.894.



This preview shows how white text looks on a background with the CIELCh color 77, 26.170, 77.894.

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

77, 26.170, 77.894

Protanopia

77, 24.539, 95.521

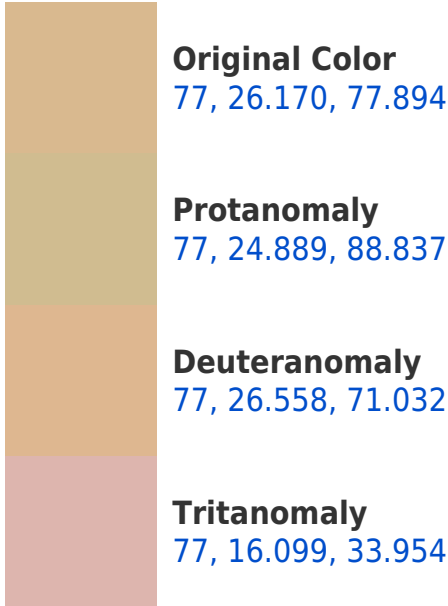
Deuteranopia

77, 26.973, 68.358

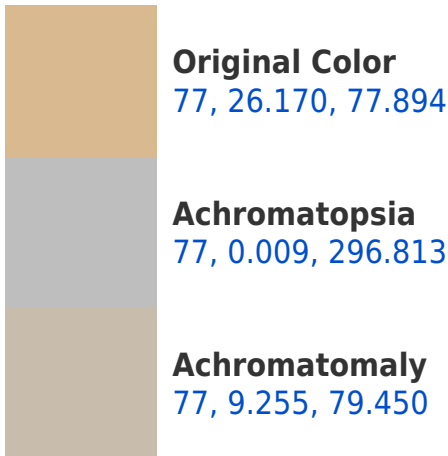


Tritanopia
77, 17.953, 358.276

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 26.170, 77.894 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(217, 185, 143)` looks like.

```
.text, #text, p{  
    color:rgb(217, 185, 143)  
}
```

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(217, 185, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 185, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 26.170, 77.894 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(217, 185, 143) }
```

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

```
.border{ border-color:rgb(217, 185, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 185, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 185, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 185, 143);  
box-shadow:4px 4px 4px 4px rgb(217, 185,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 26.170, 77.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 185, 143) }
```

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

```
.background{ background-color: rgb(217,  
185, 143) }
```

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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