

Converting Colors

CIELCh(77, 30.628, 74.668)

Have a look what the booklet for
CIELCh(77, 30.628, 74.668) contains.

CIELCh(77, 30.416, 74.570)	3
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Color

CIELCh(77, 30.416, 74.570)

Conversions

Conversions Part 1

Format	Color
Hex	DFB788
RGB	223, 183, 136
RGB Percent	87%, 72%, 53%
CMY	0.1241, 0.2810, 0.4654
CMYK	0.00, 0.18, 0.39, 0.12
HSL	32°, 58%, 71%
HSV	32°, 39%, 88%
XYZ	52.0060, 51.5317, 30.6150
YIQ	189.6020, 38.9270, -6.1370

Conversions

Conversions Part 2

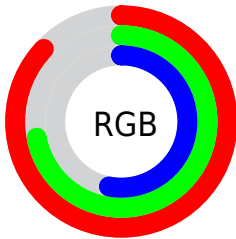
Format	Color
R _Y B	210, 223, 136
Decimal	14661512
CIE Lab	77.00, 8.09, 29.32
CIE LCh	77, 30.416, 74.570
Yxy	51.5317, 0.3877, 0.3841
Android (android.graphics.Color)	4292851592 (0xFFDFB788)
YUV	189.6020, -26.4258, 29.2900
Hunter-Lab	71.7856, 3.6918, 24.9641

Details

The CIELCh color **77, 30.416, 74.570** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71, 27.989, 266.405**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.771, 94.375**, and **57, 30.142, 74.397** is the 20% darker color. If you saturate the color by 10%, you get **74, 38.944, 73.215**, and if you desaturate by 10%, it is **80, 22.163, 75.908**.

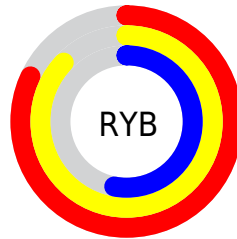
Distribution



Red (87%)

Green (72%)

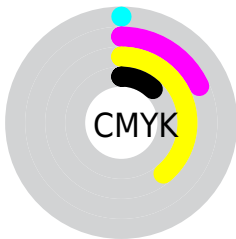
Blue (53%)



Red (82%)

Yellow (87%)

Blue (53%)

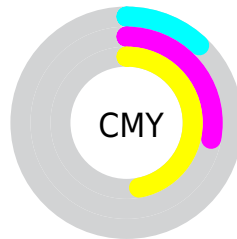


Cyan (0%)

Magenta (18%)

Yellow (39%)

Black (12%)



Cyan (12%)

Magenta (28%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 30.416, 74.570 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, 30.416, 74.570 by changing the saturation by 10% instead.

77, 30.416, 74.570

77, 30.416, 74.570

100, 30.416,
74.570

67, 30.416, 74.570

97, 30.416, 74.570

57, 30.416, 74.570

47, 30.416, 74.570

37, 30.416, 74.570

27, 30.416, 74.570

17, 30.416, 74.570

7, 30.416, 74.570

0, 30.416, 74.570

77, 30.416, 74.570

77, 30.416, 74.570

74, 38.944, 73.215

80, 22.163, 75.908

71, 47.643, 71.812

83, 14.220, 77.212

69, 56.278, 70.320

86, 6.587, 78.468

66, 64.376, 68.632

89, 0.753, 260.260

64, 71.109, 66.532

92, 7.825, 261.035

61, 75.686, 63.791

95, 8.843, 234.887

61, 76.133, 63.513

98, 10.713,
198.791

Harmonies

Complementary

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



77, 30.416, 74.570



71, 27.989, 266.405

Rectangle

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



77, 30.416, 74.570



77, 30.416, 124.570



77, 30.416, 254.570



77, 30.416, 304.570

Sweetspot

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



77, 30.416, 74.576



96, 9.878, 78.085



67, 39.233, 349.520



51, 6.570, 77.920



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, 30.416, 74.576



84, 41.501, 73.438



87, 44.437, 107.937



46, 4.191, 78.410



49, 63.556, 64.148



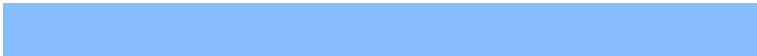
12, 19.724, 64.785

Inverse Universe

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



71, 27.989, 266.405



76, 37.480, 268.522



60, 49.127, 296.371



45, 4.124, 260.958



36, 58.967, 287.606



7, 20.263, 278.509

Previews

White Background



This preview shows how the CIELCh color 77, 30.416, 74.570 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, 30.416, 74.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

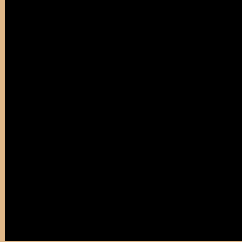
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 30.416, 74.570

Background



This preview shows how black text looks on a background with the CIELCh color 77, 30.416, 74.570.



This preview shows how white text looks on a background with the CIELCh color 77, 30.416, 74.570.

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, 30.416, 74.570

Protanopia

77, 27.723, 95.690

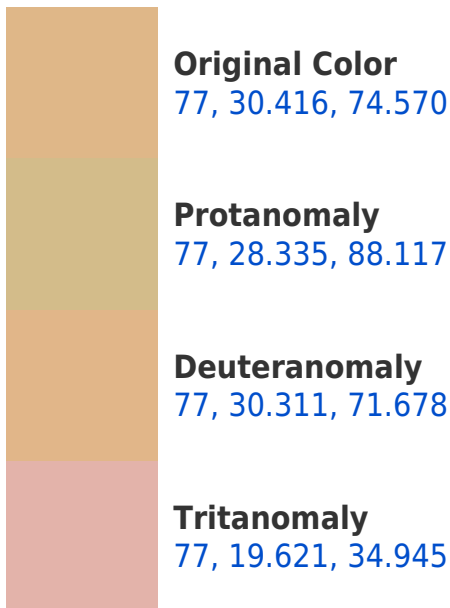
Deuteranopia

77, 30.577, 71.060



Tritanopia
77, 21.388, 0.933

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 30.416, 74.570 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(223, 183, 136)` looks like.

```
.text, #text, p{  
    color:rgb(223, 183, 136)  
}
```

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(223, 183, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 183, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 30.416, 74.570 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(223, 183, 136) }
```

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

```
.border{ border-color:rgb(223, 183, 136) }
```

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

Here you see how a box with a 4 pixel rgb(223, 183, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 183, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 183, 136);  
box-shadow:4px 4px 4px 4px rgb(223, 183,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 30.416, 74.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 183, 136) }
```

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

```
.background{ background-color: rgb(223,  
183, 136) }
```

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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