

Converting Colors

CIELCh(77, 33.173, 88.570)

Have a look what the booklet for
CIELCh(77, 33.173, 88.570) contains.

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Color

CIELCh(77, 33.122, 88.828)

Conversions

Conversions Part 1

Format	Color
Hex	D5BC81
RGB	213, 188, 129
RGB Percent	84%, 74%, 51%
CMY	0.1658, 0.2638, 0.4951
CMYK	0.00, 0.12, 0.39, 0.17
HSL	42°, 50%, 67%
HSV	42°, 39%, 83%
XYZ	49.2281, 51.5317, 28.0308
YIQ	188.7490, 33.8390, -13.0490

Conversions

Conversions Part 2

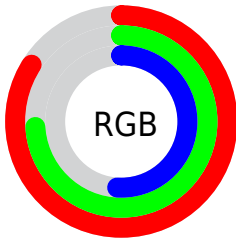
Format	Color
RYB	165, 213, 129
Decimal	14007425
CIELab	77.00, 0.68, 33.12
CIELCh	77, 33.122, 88.828
Yxy	51.5317, 0.3822, 0.4001
Android (android.graphics.Color)	4292197505 (0xFFD5BC81)
YUV	188.7490, -29.4563, 21.2681
Hunter-Lab	71.7856, -3.2156, 27.0984

Details

The CIELCh color **77, 33.122, 88.828** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 33.475, 280.355**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 31.750, 99.987**, and **57, 33.037, 88.774** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.646, 87.460**, and if you desaturate by 10%, it is **79, 24.581, 90.167**.

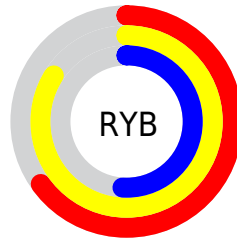
Distribution



Red (84%)

Green (74%)

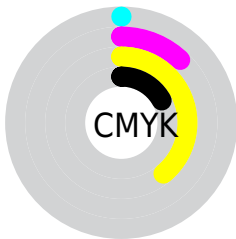
Blue (51%)



Red (65%)

Yellow (84%)

Blue (51%)

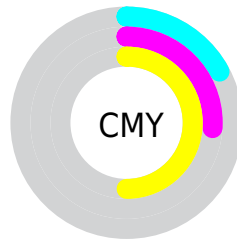


Cyan (0%)

Magenta (12%)

Yellow (39%)

Black (17%)



Cyan (17%)

Magenta (26%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 33.122, 88.828 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, 33.122, 88.828 by changing the saturation by 10% instead.

■ 77, 33.122, 88.828

■ 77, 33.122, 88.828

■ 100, 33.122,
88.828

■ 67, 33.122, 88.828

■ 97, 33.122, 88.828

■ 57, 33.122, 88.828

■ 47, 33.122, 88.828

■ 37, 33.122, 88.828

■ 27, 33.122, 88.828

■ 17, 33.122, 88.828

■ 7, 33.122, 88.828

■ 0, 33.122, 88.828

■ 77, 33.122, 88.828

■ 77, 33.122, 88.828

75, 41.646, 87.460

79, 24.581, 90.167

73, 49.972, 86.040

81, 16.115, 91.461

71, 57.775, 84.549

83, 7.770, 92.704

70, 64.515, 82.929

85, 0.436, 274.468

68, 69.431, 81.069

87, 8.498, 275.139

66, 72.115, 78.871

90, 15.738,
275.463

66, 72.243, 78.756

91, 13.380,
262.348

93, 11.959,
245.132

94, 11.795,
225.667

Harmonies

Complementary

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



77, 33.122, 88.828



64, 33.475, 280.355

Rectangle

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



77, 33.122, 88.828



77, 33.122, 138.828



77, 33.122, 268.828



77, 33.122, 318.828

Sweetspot

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



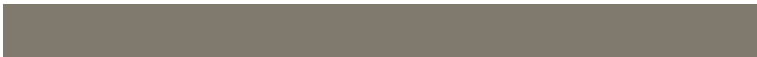
77, 33.123, 88.833



97, 11.428, 92.382



63, 35.564, 0.727



51, 7.589, 92.219



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, 33.123, 88.833



89, 45.817, 87.736



82, 43.813, 115.307



44, 4.680, 92.710



54, 61.406, 79.176



12, 18.660, 82.344

Inverse Universe

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



64, 33.475, 280.355



70, 46.592, 282.218



59, 48.077, 301.500



42, 4.696, 275.119



28, 76.082, 298.279



4, 21.946, 285.791

Previews

White Background



This preview shows how the CIELCh color 77, 33.122, 88.828 looks on a white background.

Color Contrast Check

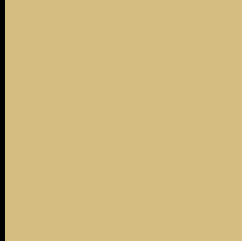
Large Text (above 18pt) WCAG AA × Fail

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 77, 33.122, 88.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

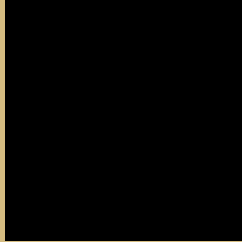
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 33.122, 88.828

Background



This preview shows how black text looks on a background with the CIELCh color 77, 33.122, 88.828.



This preview shows how white text looks on a background with the CIELCh color 77, 33.122, 88.828.

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, 33.122, 88.828

Protanopia

77, 32.512, 95.385

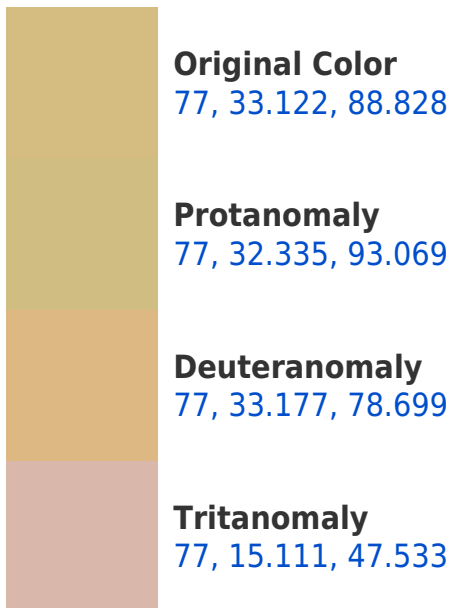
Deuteranopia

77, 33.979, 73.656

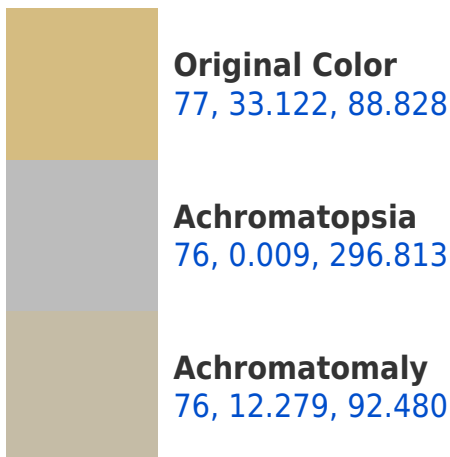


Tritanopia
77, 16.540, 356.048

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 33.122, 88.828 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, 188, 129)` looks like.

```
.text, #text, p{  
    color:rgb(213, 188, 129)  
}
```

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, 188, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 188, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 33.122, 88.828 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, 188, 129) }
```

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

```
.border{ border-color:rgb(213, 188, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 188, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 188, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 188, 129);  
box-shadow:4px 4px 4px 4px rgb(213, 188,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 33.122, 88.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 188, 129) }
```

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

```
.background{ background-color: rgb(213,  
188, 129) }
```

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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