

Converting Colors

CIELCh(76, 33.410, 78.660)

Have a look what the booklet for
CIELCh(76, 33.410, 78.660) contains.

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Color

CIELCh(76, 33.510, 77.999)

Conversions

Conversions Part 1

Format	Color
Hex	DCB57F
RGB	220, 181, 127
RGB Percent	86%, 71%, 50%
CMY	0.1366, 0.2896, 0.5014
CMYK	0.00, 0.18, 0.42, 0.14
HSL	35°, 57%, 68%
HSV	35°, 42%, 86%
XYZ	49.9599, 49.8872, 27.1243
YIQ	186.5050, 40.5780, -8.5260

Conversions

Conversions Part 2

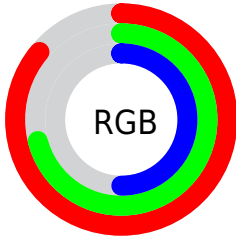
Format	Color
RYB	194, 220, 127
Decimal	14464383
CIELab	76.00, 6.97, 32.78
CIElCh	76, 33.510, 77.999
Yxy	49.8872, 0.3935, 0.3929
Android (android.graphics.Color)	4292654463 (0xFFDCB57F)
YUV	186.5050, -29.3360, 29.3751
Hunter-Lab	70.6309, 2.6557, 26.6726

Details

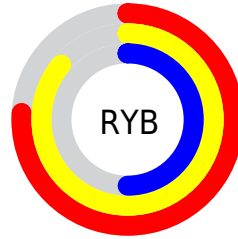
The CIELCh color **76, 33.510, 77.999** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67, 31.521, 271.142**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.957, 94.300**, and **56, 33.400, 77.804** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.014, 76.584**, and if you desaturate by 10%, it is **79, 25.177, 79.384**.

Distribution



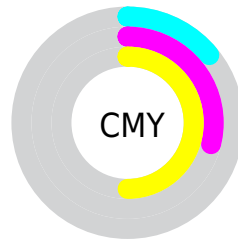
- Red (86%)
- Green (71%)
- Blue (50%)



- Red (76%)
- Yellow (86%)
- Blue (50%)



- Cyan (0%)
- Magenta (18%)
- Yellow (42%)
- Black (14%)



- Cyan (14%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 33.510, 77.999 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, 33.510, 77.999 by changing the saturation by 10% instead.

76, 33.510, 77.999

76, 33.510, 77.999

100, 33.510,
77.999

66, 33.510, 77.999

96, 33.510, 77.999

56, 33.510, 77.999

46, 33.510, 77.999

36, 33.510, 77.999

26, 33.510, 77.999

16, 33.510, 77.999

6, 33.510, 77.999

0, 33.510, 77.999

76, 33.510, 77.999

76, 33.510, 77.999

73, 42.014, 76.584

79, 25.177, 79.384

71, 50.532, 75.102

81, 17.082, 80.728

68, 58.745, 73.501

84, 9.245, 82.027

66, 66.061, 71.656

87, 1.663, 83.143

64, 71.578, 69.340

90, 5.679, 264.631

62, 74.449, 67.181

93, 10.888,
260.486

95, 9.743, 228.125

98, 11.750,
198.721

Harmonies

Complementary

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



76, 33.510, 77.999



67, 31.521, 271.142

Rectangle

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



76, 33.510, 77.999



76, 33.510, 127.999



76, 33.510, 257.999



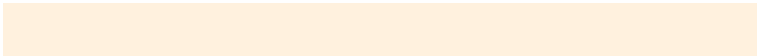
76, 33.510, 307.999

Sweetspot

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



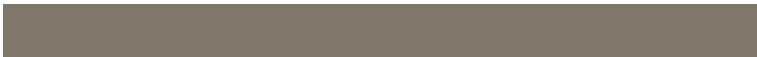
76, 33.510, 78.004



96, 11.070, 81.918



64, 41.298, 352.073



50, 7.776, 81.633



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, 33.510, 78.004



84, 46.153, 76.704



86, 47.491, 109.177



45, 4.250, 82.381



50, 62.208, 67.795



12, 18.635, 69.139

Inverse Universe

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



67, 31.521, 271.142



72, 42.909, 273.565



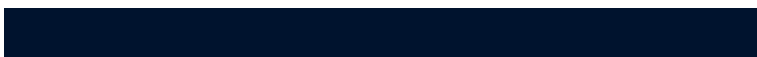
57, 53.019, 297.878



44, 4.205, 264.930



33, 62.882, 290.814



6, 20.384, 280.518

Previews

White Background



This preview shows how the CIELCh color 76, 33.510, 77.999 looks on a white background.

Color Contrast Check

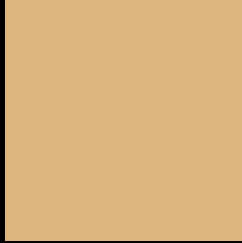
Large Text (above 18pt) WCAG AA × Fail

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, 33.510, 77.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

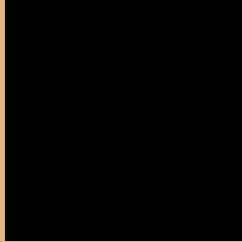
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 33.510, 77.999

Background



This preview shows how black text looks on a background with the CIELCh color 76, 33.510, 77.999.



This preview shows how white text looks on a background with the CIELCh color 76, 33.510, 77.999.

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, 33.510, 77.999

Protanopia

76, 31.069, 94.934

Deuteranopia

76, 33.646, 73.169



Tritanopia
76, 21.453, 0.970

Trichromacy



Original Color
76, 33.510, 77.999

Protanomaly
76, 31.575, 88.806

Deuteranomaly
76, 33.559, 74.781

Tritanomaly
76, 20.079, 37.806

Monochromacy



Original Color
76, 33.510, 77.999

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 12.049, 82.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 33.510, 77.999 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(220, 181, 127)` looks like.

```
.text, #text, p{  
    color:rgb(220, 181, 127)  
}
```

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(220, 181, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 181, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 33.510, 77.999 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(220, 181, 127) }
```

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

```
.border{ border-color:rgb(220, 181, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 181, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 181, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 181, 127);  
box-shadow:4px 4px 4px 4px rgb(220, 181,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 33.510, 77.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 181, 127) }
```

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

```
.background{ background-color: rgb(220,  
181, 127) }
```

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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