

Converting Colors

CIELCh(77, 16.327, 90.380)

Have a look what the booklet for
CIELCh(77, 16.327, 90.380) contains.

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Color

CIELCh(77, 16.327, 90.380)

Conversions

Conversions Part 1

Format	Color
Hex	CABDA0
RGB	202, 189, 160
RGB Percent	79%, 74%, 63%
CMY	0.2076, 0.2585, 0.3723
CMYK	0.00, 0.06, 0.21, 0.21
HSL	41°, 28%, 71%
HSV	41°, 21%, 79%
XYZ	48.9397, 51.5317, 40.6558
YIQ	189.5810, 17.0570, -6.2630

Conversions

Conversions Part 2

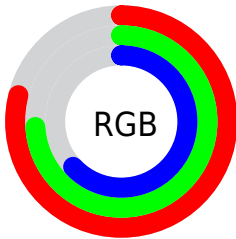
Format	Color
RYB	179, 202, 160
Decimal	13286816
CIELab	77.00, -0.11, 16.33
CIELCh	77, 16.327, 90.380
Yxy	51.5317, 0.3468, 0.3651
Android (android.graphics.Color)	4291476896 (0xFFCABDA0)
YUV	189.5810, -14.5834, 10.8915
Hunter-Lab	71.7856, -3.9328, 16.6711

Details

The CIELCh color **77, 16.327, 90.380** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 16.348, 275.923**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.715, 95.332**, and **57, 16.695, 90.389** is the 20% darker color. If you saturate the color by 10%, you get **75, 24.388, 89.083**, and if you desaturate by 10%, it is **79, 8.392, 91.643**.

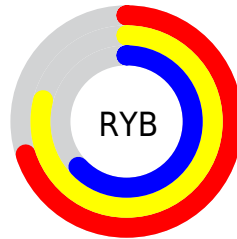
Distribution



Red (79%)

Green (74%)

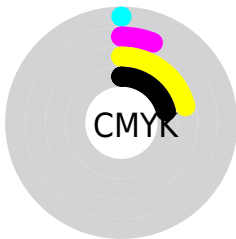
Blue (63%)



Red (70%)

Yellow (79%)

Blue (63%)

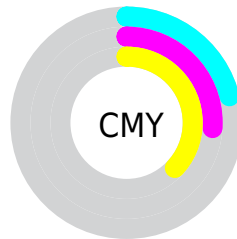


Cyan (0%)

Magenta (6%)

Yellow (21%)

Black (21%)



Cyan (21%)

Magenta (26%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 16.327, 90.380 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, 16.327, 90.380 by changing the saturation by 10% instead.

■ 77, 16.327, 90.380

■ 77, 16.327, 90.380

■ 100, 16.327,
90.380

■ 67, 16.327, 90.380

■ 97, 16.327, 90.380

■ 57, 16.327, 90.380

■ 47, 16.327, 90.380

■ 37, 16.327, 90.380

■ 27, 16.327, 90.380

■ 17, 16.327, 90.380

■ 7, 16.327, 90.380

■ 0, 16.327, 90.380

■ 77, 16.327, 90.380

■ 77, 16.327, 90.380

75, 24.388, 89.083

79, 8.392, 91.643

73, 32.528, 87.739

81, 0.597, 92.516

71, 40.655, 86.353

83, 7.052, 274.104

69, 48.591, 84.918

86, 14.561,
275.213

67, 56.013, 83.401

88, 18.919,
273.206

66, 62.383, 81.736

64, 66.955, 79.798

89, 16.626,
262.388

63, 69.407, 77.719

91, 15.078,
248.892

92, 14.493,
233.492

94, 14.965,
218.085

Harmonies

Complementary

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



77, 16.327, 90.380



71, 16.348, 275.923

Rectangle

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



77, 16.327, 90.380



77, 16.327, 140.380



77, 16.327, 270.380



77, 16.327, 320.380

Sweetspot

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



77, 16.328, 90.388



98, 5.609, 92.204



70, 17.652, 356.912



52, 3.724, 92.127



0, 0.000, 0.000



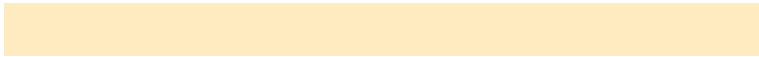
53, 0.007, 296.813

Same Dimension

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



77, 16.328, 90.388



94, 23.815, 89.799



80, 22.373, 115.893



42, 4.441, 91.812



52, 59.941, 78.130



10, 15.704, 81.323

Inverse Universe

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



71, 16.348, 275.923



84, 23.850, 276.695



68, 23.406, 299.010



40, 4.451, 274.226



27, 72.908, 297.592



4, 18.595, 283.075

Previews

White Background



This preview shows how the CIELCh color 77, 16.327, 90.380 looks on a white background.

Color Contrast Check

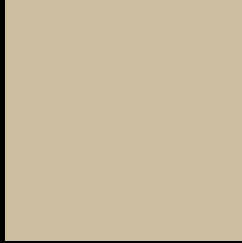
Large Text (above 18pt) WCAG AA × Fail

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, 16.327, 90.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

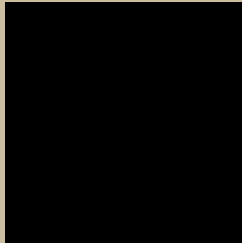
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

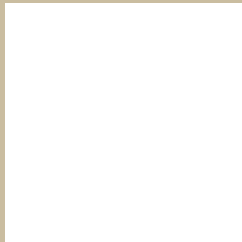
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 16.327, 90.380

Background



This preview shows how black text looks on a background with the CIELCh color 77, 16.327, 90.380.



This preview shows how white text looks on a background with the CIELCh color 77, 16.327, 90.380.

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, 16.327, 90.380

Protanopia

77, 16.490, 94.834

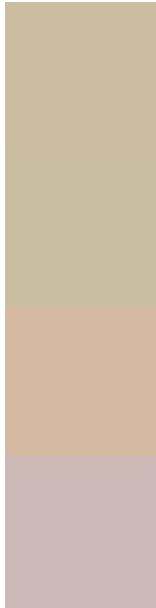
Deuteranopia

77, 18.715, 58.877



Tritanopia
77, 11.366, 339.032

Trichromacy



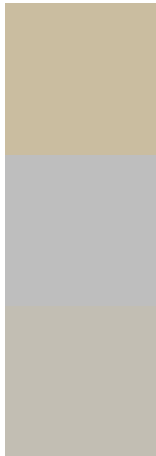
Original Color
77, 16.327, 90.380

Protanomaly
77, 16.591, 93.502

Deuteranomaly
77, 17.084, 68.268

Tritanomaly
77, 7.269, 28.345

Monochromacy



Original Color
77, 16.327, 90.380

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 6.062, 95.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 16.327, 90.380 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(202, 189, 160)` looks like.

```
.text, #text, p{  
    color:rgb(202, 189, 160)  
}
```

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(202, 189, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 189, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 16.327, 90.380 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(202, 189, 160) }
```

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

```
.border{ border-color:rgb(202, 189, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 189, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 189, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 189, 160);  
box-shadow:4px 4px 4px 4px rgb(202, 189,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 16.327, 90.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 189, 160) }
```

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

```
.background{ background-color: rgb(202,  
189, 160) }
```

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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