

Converting Colors

CIELCh(76, 16.874, 84.710)

Have a look what the booklet for
CIELCh(76, 16.874, 84.710) contains.

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Color

CIELCh(76, 16.658, 83.275)

Conversions

Conversions Part 1

Format	Color
Hex	CBB99D
RGB	203, 185, 157
RGB Percent	80%, 73%, 62%
CMY	0.2035, 0.2741, 0.3839
CMYK	0.00, 0.09, 0.23, 0.20
HSL	37°, 31%, 71%
HSV	37°, 23%, 80%
XYZ	48.1195, 49.8872, 39.0341
YIQ	187.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

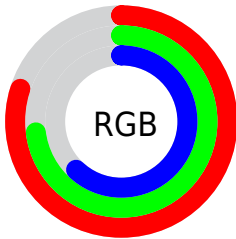
Format	Color
RYB	187, 203, 157
Decimal	13351325
CIELab	76.00, 1.95, 16.54
CIELCh	76, 16.658, 83.275
Yxy	49.8872, 0.3511, 0.3640
Android (android.graphics.Color)	4291541405 (0xFFCBB99D)
YUV	187.1900, -14.8837, 13.8654
Hunter-Lab	70.6309, -1.9953, 16.6751

Details

The CIELCh color $76, 16.658, 83.275$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $71, 16.295, 269.582$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 15.701, 89.590$, and $56, 16.376, 83.526$ is the 20% darker color. If you saturate the color by 10%, you get $74, 24.360, 81.938$, and if you desaturate by 10%, it is $78, 9.167, 84.582$.

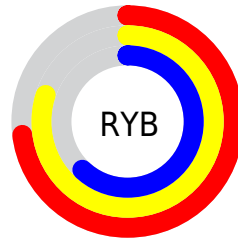
Distribution



Red (80%)

Green (73%)

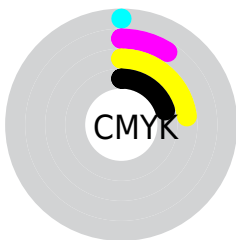
Blue (62%)



Red (73%)

Yellow (80%)

Blue (62%)

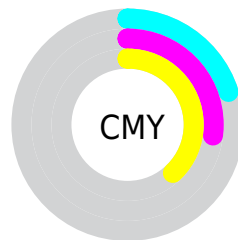


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (20%)



Cyan (20%)

Magenta (27%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 16.658, 83.275 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, 16.658, 83.275 by changing the saturation by 10% instead.

 76, 16.658, 83.275

 76, 16.658, 83.275

 100, 16.658,
83.275

 66, 16.658, 83.275

 96, 16.658, 83.275

 56, 16.658, 83.275

 46, 16.658, 83.275

 36, 16.658, 83.275

 26, 16.658, 83.275

 16, 16.658, 83.275

 6, 16.658, 83.275

 0, 16.658, 83.275

 76, 16.658, 83.275

 76, 16.658, 83.275

74, 24.360, 81.938

78, 9.167, 84.582

71, 32.241, 80.554

81, 1.887, 85.733

69, 40.229, 79.126

84, 5.190, 267.166

67, 48.163, 77.634

86, 12.078,
268.312

64, 55.728, 76.025

89, 17.076,
266.713

62, 62.363, 74.187

91, 14.882,
250.009

60, 67.244, 71.916

59, 69.697, 69.974

93, 14.239,
230.063

95, 15.302,
210.858

97, 17.150,
198.368

Harmonies

Complementary

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



76, 16.658, 83.275



71, 16.295, 269.582

Rectangle

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



76, 16.658, 83.275



76, 16.658, 133.275



76, 16.658, 263.275



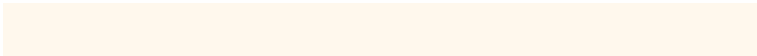
76, 16.658, 313.275

Sweetspot

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



76, 16.659, 83.283



98, 6.048, 85.269



69, 20.195, 351.620



52, 3.934, 85.196



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, 16.659, 83.283



92, 24.049, 82.655



80, 24.287, 112.266



42, 4.104, 84.989



49, 59.885, 70.499



9, 14.797, 71.779

Inverse Universe

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



71, 16.295, 269.582



85, 23.403, 270.440



67, 25.582, 296.267



40, 4.077, 267.504



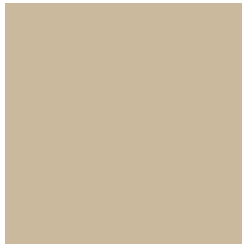
31, 63.741, 292.688



4, 17.178, 279.042

Previews

White Background



This preview shows how the CIELCh color 76, 16.658, 83.275 looks on a white background.

Color Contrast Check

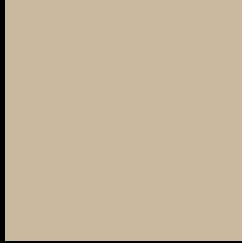
Large Text (above 18pt) WCAG AA × Fail

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, 16.658, 83.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

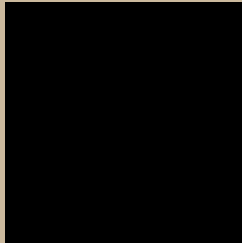
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 16.658, 83.275

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.658, 83.275.



This preview shows how white text looks on a background with the CIELCh color 76, 16.658, 83.275.

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, 16.658, 83.275

Protanopia

76, 16.020, 94.418

Deuteranopia

76, 18.785, 58.847



Tritanopia
76, 12.867, 344.764

Trichromacy



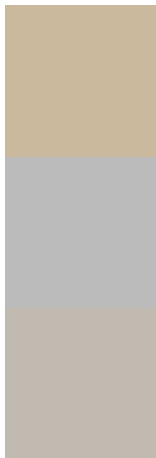
Original Color
76, 16.658, 83.275

Protanomaly
76, 15.867, 89.817

Deuteranomaly
76, 17.419, 67.236

Tritanomaly
76, 9.161, 23.443

Monochromacy



Original Color
76, 16.658, 83.275

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.976, 83.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.658, 83.275 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(203, 185, 157)` looks like.

```
.text, #text, p{  
    color:rgb(203, 185, 157)  
}
```

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(203, 185, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 185, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.658, 83.275 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(203, 185, 157) }
```

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

```
.border{ border-color:rgb(203, 185, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 185, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 185, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 185, 157);  
box-shadow:4px 4px 4px 4px rgb(203, 185,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.658, 83.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 185, 157) }
```

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

```
.background{ background-color: rgb(203,  
185, 157) }
```

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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