

Converting Colors

CIELCh(76, 16.323, 89.852)

Have a look what the booklet for
CIELCh(76, 16.323, 89.852) contains.

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Color

CIELCh(76, 16.510, 89.025)

Conversions

Conversions Part 1

Format	Color
Hex	C8BA9D
RGB	200, 186, 157
RGB Percent	78%, 73%, 62%
CMY	0.2153, 0.2702, 0.3840
CMYK	0.00, 0.07, 0.21, 0.22
HSL	40°, 28%, 70%
HSV	40°, 21%, 78%
XYZ	47.5172, 49.8872, 39.0636
YIQ	186.8800, 17.6530, -6.0510

Conversions

Conversions Part 2

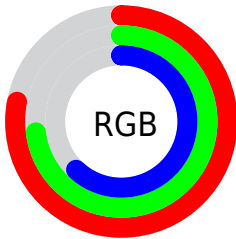
Format	Color
RYB	178, 200, 157
Decimal	13154973
CIELab	76.00, 0.28, 16.51
CIElCh	76, 16.510, 89.025
Yxy	49.8872, 0.3482, 0.3656
Android (android.graphics.Color)	4291345053 (0xFFC8BA9D)
YUV	186.8800, -14.7308, 11.5062
Hunter-Lab	70.6309, -3.5176, 16.6503

Details

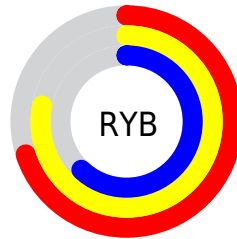
The CIELCh color $76, 16.510, 89.025$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $70, 16.467, 274.823$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 16.055, 91.403$, and $56, 16.369, 88.385$ is the 20% darker color. If you saturate the color by 10%, you get $74, 24.423, 87.715$, and if you desaturate by 10%, it is $78, 8.737, 90.302$.

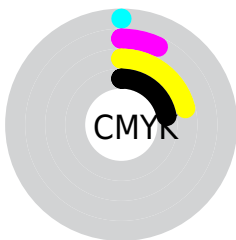
Distribution



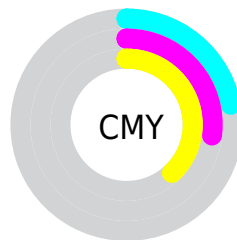
- Red (78%)
- Green (73%)
- Blue (62%)



- Red (70%)
- Yellow (78%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (21%)
- Black (22%)



- Cyan (22%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 16.510, 89.025 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, 16.510, 89.025 by changing the saturation by 10% instead.

■ 76, 16.510, 89.025

■ 76, 16.510, 89.025

■ 100, 16.510,
89.025

■ 66, 16.510, 89.025

■ 96, 16.510, 89.025

■ 56, 16.510, 89.025

■ 46, 16.510, 89.025

■ 36, 16.510, 89.025

■ 26, 16.510, 89.025

■ 16, 16.510, 89.025

■ 6, 16.510, 89.025

■ 0, 16.510, 89.025

■ 76, 16.510, 89.025

■ 76, 16.510, 89.025

74, 24.423, 87.715

78, 8.737, 90.302

72, 32.430, 86.357

80, 1.115, 91.355

70, 40.443, 84.956

83, 6.353, 272.793

68, 48.285, 83.499

85, 13.672,
273.913

66, 55.631, 81.952

87, 19.795,
273.891

64, 61.939, 80.237

89, 17.356,
263.184

63, 66.450, 78.214

61, 68.788, 76.216

90, 15.682,
249.753

92, 15.008,
234.309

94, 15.443,
218.740

Harmonies

Complementary

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



76, 16.510, 89.025



70, 16.467, 274.823

Rectangle

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



76, 16.510, 89.025



76, 16.510, 139.025



76, 16.510, 269.025



76, 16.510, 319.025

Sweetspot

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



76, 16.511, 89.033



98, 5.518, 90.952



69, 18.268, 355.856



52, 3.663, 90.875



0, 0.000, 0.000



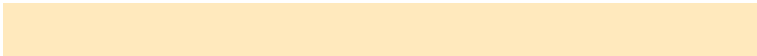
53, 0.007, 296.813

Same Dimension

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



76, 16.511, 89.033



93, 24.435, 88.395



79, 22.903, 115.154



41, 4.280, 90.561



51, 59.153, 76.666



9, 14.062, 79.599

Inverse Universe

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



70, 16.467, 274.823



84, 24.352, 275.669



67, 24.012, 298.486



39, 4.283, 272.993



27, 70.228, 296.690



3, 16.770, 281.298

Previews

White Background



This preview shows how the CIELCh color 76, 16.510, 89.025 looks on a white background.

Color Contrast Check

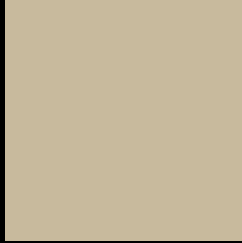
Large Text (above 18pt) WCAG AA × Fail

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, 16.510, 89.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

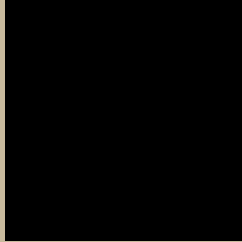
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

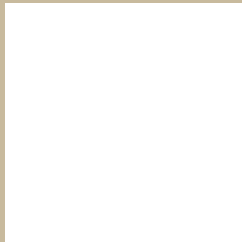
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 16.510, 89.025

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.510, 89.025.

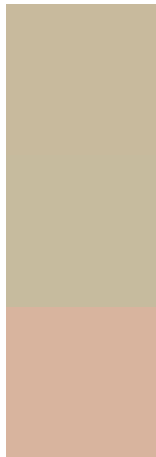


This preview shows how white text looks on a background with the CIELCh color 76, 16.510, 89.025.

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, 16.510, 89.025

Protanopia

76, 16.124, 93.046

Deuteranopia

76, 18.785, 58.847



Tritanopia
76, 11.680, 340.293

Trichromacy



Original Color
76, 16.510, 89.025

Protanomaly
76, 16.237, 91.691

Deuteranomaly
76, 17.144, 68.230

Tritanomaly
76, 7.676, 27.960

Monochromacy



Original Color
76, 16.510, 89.025

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.184, 91.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.510, 89.025 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(200, 186, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 186, 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(200, 186, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 186, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.510, 89.025 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(200, 186, 157) }
```

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

```
.border{ border-color:rgb(200, 186, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 186, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 186, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 186, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 186,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.510, 89.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 186, 157) }
```

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

```
.background{ background-color: rgb(200,  
186, 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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