

Converting Colors

CIELCh(76, 20.357, 89.866)

Have a look what the booklet for
CIELCh(76, 20.357, 89.866) contains.

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Color

CIELCh(76, 20.336, 89.882)

Conversions

Conversions Part 1

Format	Color
Hex	CABA96
RGB	202, 186, 150
RGB Percent	79%, 73%, 59%
CMY	0.2078, 0.2705, 0.4117
CMYK	0.00, 0.08, 0.26, 0.21
HSL	42°, 33%, 69%
HSV	42°, 26%, 79%
XYZ	47.4314, 49.8872, 35.9909
YIQ	186.6800, 21.0920, -7.8040

Conversions

Conversions Part 2

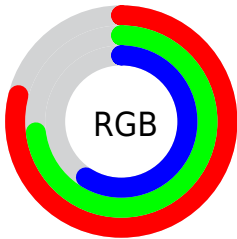
Format	Color
RYB	173, 202, 150
Decimal	13286038
CIELab	76.00, 0.04, 20.34
CIELCh	76, 20.336, 89.882
Yxy	49.8872, 0.3558, 0.3742
Android (android.graphics.Color)	4291476118 (0xFFCABA96)
YUV	186.6800, -18.0832, 13.4356
Hunter-Lab	70.6309, -3.7345, 19.2296

Details

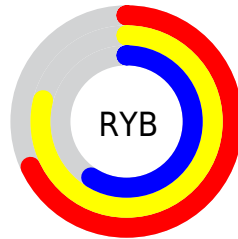
The CIELCh color **76, 20.336, 89.882** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 20.379, 276.900**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.992, 94.460**, and **56, 20.287, 90.308** is the 20% darker color. If you saturate the color by 10%, you get **74, 28.453, 88.565**, and if you desaturate by 10%, it is **78, 12.326, 91.169**.

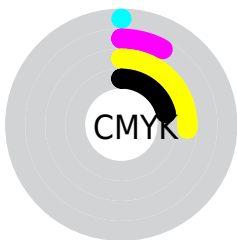
Distribution



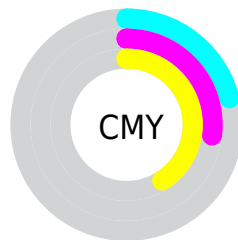
- Red (79%)
- Green (73%)
- Blue (59%)



- Red (68%)
- Yellow (79%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (26%)
- Black (21%)



- Cyan (21%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 20.336, 89.882 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, 20.336, 89.882 by changing the saturation by 10% instead.

■ 76, 20.336, 89.882

■ 76, 20.336, 89.882

■ 100, 20.336,
89.882

■ 66, 20.336, 89.882

■ 96, 20.336, 89.882

■ 56, 20.336, 89.882

■ 46, 20.336, 89.882

■ 36, 20.336, 89.882

■ 26, 20.336, 89.882

■ 16, 20.336, 89.882

■ 6, 20.336, 89.882

■ 0, 20.336, 89.882

■ 76, 20.336, 89.882

■ 76, 20.336, 89.882

74, 28.453, 88.565

78, 12.326, 91.169

72, 36.607, 87.203

80, 4.448, 92.382

70, 44.671, 85.796

82, 3.286, 273.701

68, 52.402, 84.328

84, 10.878,
274.803

67, 59.379, 82.753

87, 18.335,
275.894

65, 64.946, 80.979

63, 68.350, 78.854

88, 17.758,
268.351

63, 69.410, 77.892

90, 15.801,
256.323

92, 14.689,
241.860

93, 14.594,
226.291

Harmonies

Complementary

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



76, 20.336, 89.882



68, 20.379, 276.900

Rectangle

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



76, 20.336, 89.882



76, 20.336, 139.882



76, 20.336, 269.882



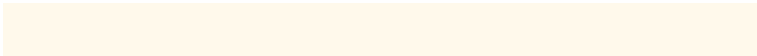
76, 20.336, 319.882

Sweetspot

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



76, 20.337, 89.889



98, 7.511, 92.106



67, 22.026, 357.526



52, 5.346, 91.923



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, 20.337, 89.889



92, 29.723, 89.141



79, 27.637, 115.542



42, 4.449, 91.951



52, 59.956, 78.300



10, 15.729, 81.522

Inverse Universe

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



68, 20.379, 276.900



81, 29.813, 277.951



65, 29.257, 299.484



40, 4.460, 274.362



27, 73.109, 297.686



4, 18.625, 283.151

Previews

White Background



This preview shows how the CIELCh color 76, 20.336, 89.882 looks on a white background.

Color Contrast Check

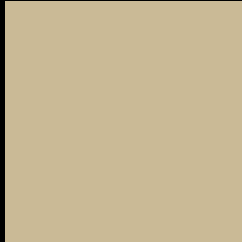
Large Text (above 18pt) WCAG AA × Fail

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, 20.336, 89.882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

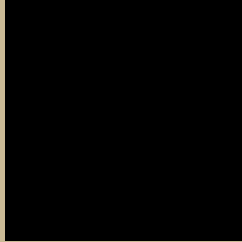
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 20.336, 89.882

Background



This preview shows how black text looks on a background with the CIELCh color 76, 20.336, 89.882.



This preview shows how white text looks on a background with the CIELCh color 76, 20.336, 89.882.

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, 20.336, 89.882

Protanopia

76, 19.850, 94.326

Deuteranopia

76, 22.115, 64.416



Tritanopia
76, 12.566, 343.722

Trichromacy



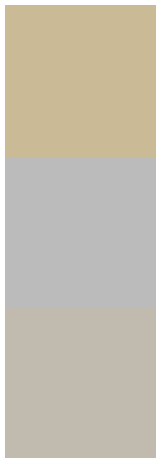
Original Color
76, 20.336, 89.882

Protanomaly
76, 19.954, 93.202

Deuteranomaly
76, 20.716, 72.695

Tritanomaly
76, 9.070, 33.682

Monochromacy



Original Color
76, 20.336, 89.882

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.216, 94.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 20.336, 89.882 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, 186, 150)` looks like.

```
.text, #text, p{  
    color:rgb(202, 186, 150)  
}
```

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, 186, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 186, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 20.336, 89.882 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, 186, 150) }
```

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

```
.border{ border-color:rgb(202, 186, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 186, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 186, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 186, 150);  
box-shadow:4px 4px 4px 4px rgb(202, 186,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 20.336, 89.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 186, 150) }
```

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

```
.background{ background-color: rgb(202,  
186, 150) }
```

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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