

Converting Colors

CIELCh(76, 12.419, 78.899)

Have a look what the booklet for
CIELCh(76, 12.419, 78.899) contains.

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Color

CIELCh(76, 12.432, 78.889)

Conversions

Conversions Part 1

Format	Color
Hex	C9B9A5
RGB	201, 185, 165
RGB Percent	79%, 73%, 65%
CMY	0.2114, 0.2741, 0.3526
CMYK	0.00, 0.08, 0.18, 0.21
HSL	33°, 25%, 72%
HSV	33°, 18%, 79%
XYZ	48.2809, 49.8872, 42.7254
YIQ	187.5040, 15.9560, -2.8280

Conversions

Conversions Part 2

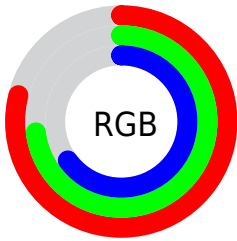
Format	Color
RYB	194, 201, 165
Decimal	13220261
CIELab	76.00, 2.40, 12.20
CIELCh	76, 12.432, 78.889
Yxy	49.8872, 0.3427, 0.3541
Android (android.graphics.Color)	4291410341 (0xFFC9B9A5)
YUV	187.5040, -11.0945, 11.8360
Hunter-Lab	70.6309, -1.5874, 13.5764

Details

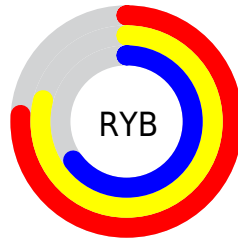
The CIELCh color $76, 12.432, 78.889$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 12.059, 263.776$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 11.894, 83.625$, and $56, 12.580, 78.603$ is the 20% darker color. If you saturate the color by 10%, you get $73, 19.747, 77.595$, and if you desaturate by 10%, it is $79, 5.384, 80.149$.

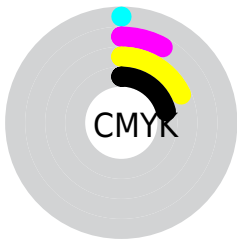
Distribution



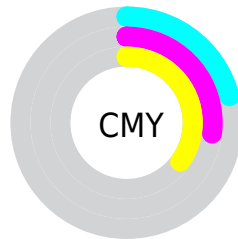
- Red (79%)
- Green (73%)
- Blue (65%)



- Red (76%)
- Yellow (79%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (18%)
- Black (21%)



- Cyan (21%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 12.432, 78.889 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, 12.432, 78.889 by changing the saturation by 10% instead.

■ 76, 12.432, 78.889

■ 76, 12.432, 78.889

■ 100, 12.432,
78.889

■ 66, 12.432, 78.889

■ 96, 12.432, 78.889

■ 56, 12.432, 78.889

■ 46, 12.432, 78.889

■ 36, 12.432, 78.889

■ 26, 12.432, 78.889

■ 16, 12.432, 78.889

■ 6, 12.432, 78.889

■ 0, 12.432, 78.889

■ 76, 12.432, 78.889

■ 76, 12.432, 78.889

73, 19.747, 77.595

79, 5.384, 80.149

71, 27.325, 76.258

82, 1.413, 261.686

68, 35.136, 74.889

84, 7.979, 262.702

66, 43.092, 73.478

87, 14.335,
263.844

63, 50.992, 71.984

90, 15.901,
254.898

61, 58.438, 70.317

59, 64.730, 68.293

92, 14.747,
233.763

56, 69.102, 65.679

95, 15.679,
212.542

56, 69.964, 65.140

96, 17.766,
198.329

Harmonies

Complementary

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



76, 12.432, 78.889



73, 12.059, 263.776

Rectangle

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



76, 12.432, 78.889



76, 12.432, 128.889



76, 12.432, 258.889



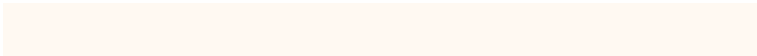
76, 12.432, 308.889

Sweetspot

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



76, 12.433, 78.900



98, 4.106, 80.472



71, 16.209, 348.044



52, 2.806, 80.394



0, 0.000, 0.000



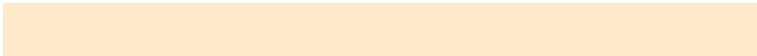
53, 0.007, 296.813

Same Dimension

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



76, 12.433, 78.900



93, 17.798, 78.462



80, 19.034, 110.562



41, 3.840, 79.972



46, 59.807, 65.733



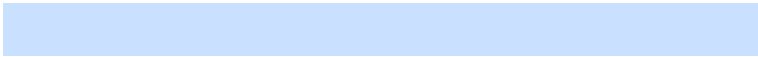
8, 13.075, 64.496

Inverse Universe

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



73, 12.059, 263.776



89, 17.148, 264.345



69, 19.828, 293.950



40, 3.788, 262.493



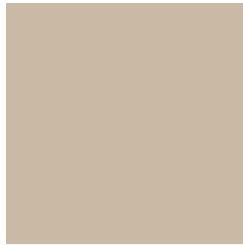
33, 57.105, 288.639



4, 14.922, 274.634

Previews

White Background



This preview shows how the CIELCh color 76, 12.432, 78.889 looks on a white background.

Color Contrast Check

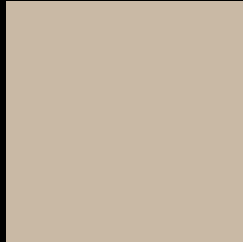
Large Text (above 18pt) WCAG AA × Fail

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, 12.432, 78.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

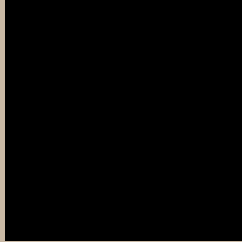
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

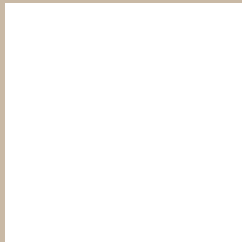
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 12.432, 78.889

Background



This preview shows how black text looks on a background with the CIELCh color 76, 12.432, 78.889.



This preview shows how white text looks on a background with the CIELCh color 76, 12.432, 78.889.

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, 12.432, 78.889

Protanopia

76, 11.777, 91.808

Deuteranopia

76, 15.038, 52.355



Tritanopia
76, 11.680, 340.293

Trichromacy



Original Color
76, 12.432, 78.889

Protanomaly
76, 11.696, 85.578

Deuteranomaly
76, 13.707, 58.576

Tritanomaly
76, 8.391, 12.721

Monochromacy



Original Color
76, 12.432, 78.889

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.367, 78.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 12.432, 78.889 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(201, 185, 165)` looks like.

```
.text, #text, p{  
    color:rgb(201, 185, 165)  
}
```

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(201, 185, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 185, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 12.432, 78.889 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(201, 185, 165) }
```

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

```
.border{ border-color:rgb(201, 185, 165) }
```

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

Here you see how a box with a 4 pixel rgb(201, 185, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 185, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 185, 165);  
box-shadow:4px 4px 4px 4px rgb(201, 185,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 12.432, 78.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 185, 165) }
```

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

```
.background{ background-color: rgb(201,  
185, 165) }
```

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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