

Converting Colors

CIELCh(76, 14.716, 97.472)

Have a look what the booklet for
CIELCh(76, 14.716, 97.472) contains.

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Color

CIELCh(76, 14.271, 96.144)

Conversions

Conversions Part 1

Format	Color
Hex	C3BBA1
RGB	195, 187, 161
RGB Percent	76%, 73%, 63%
CMY	0.2341, 0.2655, 0.3675
CMYK	0.00, 0.04, 0.17, 0.23
HSL	46°, 22%, 70%
HSV	46°, 17%, 77%
XYZ	46.8705, 49.8872, 41.0069
YIQ	186.4280, 13.1140, -6.3900

Conversions

Conversions Part 2

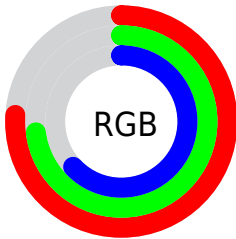
Format	Color
RYB	171, 195, 161
Decimal	12827553
CIELab	76.00, -1.53, 14.19
CIELCh	76, 14.271, 96.144
Yxy	49.8872, 0.3402, 0.3621
Android (android.graphics.Color)	4291017633 (0xFFC3BBA1)
YUV	186.4280, -12.5360, 7.5176
Hunter-Lab	70.6309, -5.1518, 15.0190

Details

The CIELCh color **76, 14.271, 96.144** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 14.473, 280.479**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 14.162, 95.504**, and **56, 14.526, 96.666** is the 20% darker color. If you saturate the color by 10%, you get **74, 22.569, 94.933**, and if you desaturate by 10%, it is **78, 6.039, 97.323**.

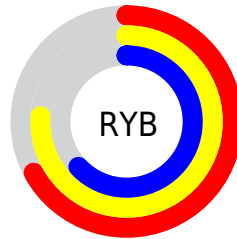
Distribution



Red (76%)

Green (73%)

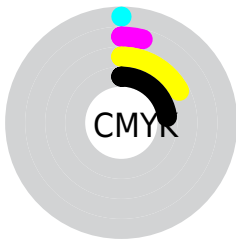
Blue (63%)



Red (67%)

Yellow (76%)

Blue (63%)

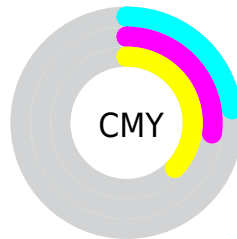


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 14.271, 96.144 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, 14.271, 96.144 by changing the saturation by 10% instead.

 76, 14.271, 96.144

 76, 14.271, 96.144

 100, 14.271,
96.144

 66, 14.271, 96.144

 96, 14.271, 96.144

 56, 14.271, 96.144

 46, 14.271, 96.144

 36, 14.271, 96.144

 26, 14.271, 96.144

 16, 14.271, 96.144

 6, 14.271, 96.144

 0, 14.271, 96.144

 76, 14.271, 96.144

 76, 14.271, 96.144

74, 22.569, 94.933

78, 6.039, 97.323

73, 30.878, 93.680

79, 2.105, 278.581

71, 39.107, 92.400

81, 10.151,
279.617

70, 47.087, 91.094

83, 18.094,
280.663

69, 54.528, 89.754

67, 60.964, 88.354

85, 23.923,
280.483

66, 65.751, 86.838

86, 21.828,
275.044

65, 68.364, 85.126

64, 68.904, 84.675

87, 19.967,
268.573

88, 18.403,
260.947

89, 17.213,
252.154

Harmonies

Complementary

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



76, 14.271, 96.144



69, 14.473, 280.479

Rectangle

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



76, 14.271, 96.144



76, 14.271, 146.144



76, 14.271, 276.144



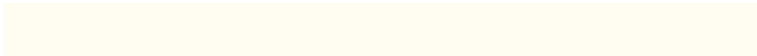
76, 14.271, 326.144

Sweetspot

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



76, 14.272, 96.152



99, 5.047, 97.581



70, 13.896, 1.235



53, 3.446, 97.504



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, 14.272, 96.152



96, 21.414, 95.679



77, 18.404, 118.828



40, 4.595, 97.101



54, 59.691, 84.978



9, 13.901, 89.651

Inverse Universe

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



69, 14.473, 280.479



86, 21.783, 281.075



68, 19.063, 301.099



38, 4.635, 279.369



23, 78.755, 300.879



3, 16.311, 283.834

Previews

White Background



This preview shows how the CIELCh color 76, 14.271, 96.144 looks on a white background.

Color Contrast Check

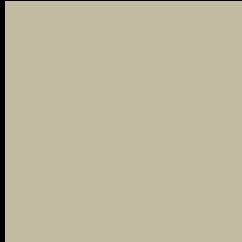
Large Text (above 18pt) WCAG AA × Fail

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, 14.271, 96.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

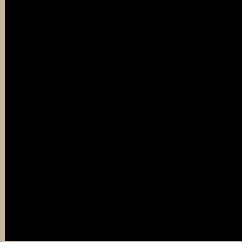
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

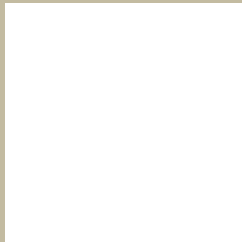
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 14.271, 96.144

Background



This preview shows how black text looks on a background with the CIELCh color 76, 14.271, 96.144.

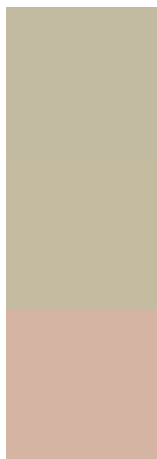


This preview shows how white text looks on a background with the CIELCh color 76, 14.271, 96.144.

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, 14.271, 96.144

Protanopia

76, 14.466, 93.086

Deuteranopia

76, 16.383, 53.862



Tritanopia
76, 10.485, 329.904

Trichromacy



Original Color
76, 14.271, 96.144

Protanomaly
76, 14.363, 94.605

Deuteranomaly
76, 14.787, 69.144

Tritanomaly
76, 5.267, 19.738

Monochromacy



Original Color
76, 14.271, 96.144

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.948, 96.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 14.271, 96.144 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(195, 187, 161)` looks like.

```
.text, #text, p{  
    color:rgb(195, 187, 161)  
}
```

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(195, 187, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 187, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 14.271, 96.144 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(195, 187, 161) }
```

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

```
.border{ border-color:rgb(195, 187, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 187, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 187, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 187, 161);  
box-shadow:4px 4px 4px 4px rgb(195, 187,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 14.271, 96.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 187, 161) }
```

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

```
.background{ background-color: rgb(195,  
187, 161) }
```

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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