

Converting Colors

CIELCh(76, 14.971, 100.942)

Have a look what the booklet for
CIELCh(76, 14.971, 100.942)
contains.

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Color

CIELCh(76, 15.106, 101.293)

Conversions

Conversions Part 1

Format	Color
Hex	C1BCA0
RGB	193, 188, 160
RGB Percent	76%, 74%, 63%
CMY	0.2428, 0.2624, 0.3723
CMYK	0.00, 0.03, 0.17, 0.24
HSL	51°, 21%, 69%
HSV	51°, 17%, 76%
XYZ	46.3631, 49.8872, 40.4773
YIQ	186.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

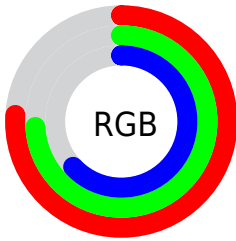
Format	Color
RYB	166, 193, 160
Decimal	12696736
CIELab	76.00, -2.96, 14.81
CIELCh	76, 15.106, 101.293
Yxy	49.8872, 0.3391, 0.3649
Android (android.graphics.Color)	4290886816 (0xFFC1BCA0)
YUV	186.3030, -12.9674, 5.8733
Hunter-Lab	70.6309, -6.4342, 15.4636

Details

The CIELCh color **76, 15.106, 101.293** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 15.486, 285.259**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 14.944, 100.483**, and **56, 15.424, 102.011** is the 20% darker color. If you saturate the color by 10%, you get **75, 23.960, 100.175**, and if you desaturate by 10%, it is **77, 6.252, 102.391**.

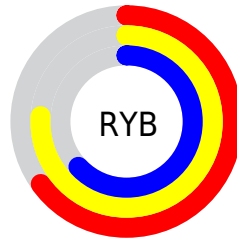
Distribution



Red (76%)

Green (74%)

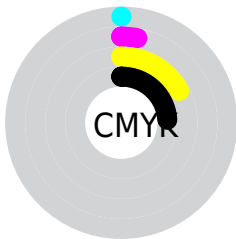
Blue (63%)



Red (65%)

Yellow (76%)

Blue (63%)

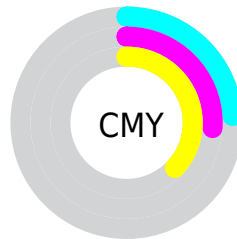


Cyan (0%)

Magenta (3%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (26%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 15.106, 101.293 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, 15.106, 101.293 by changing the saturation by 10% instead.


 76, 15.106,
101.293


 76, 15.106,
101.293


 100, 15.106,
101.293


 66, 15.106,
101.293


 96, 15.106,
101.293

 56, 15.106,
101.293

 46, 15.106,
101.293

 36, 15.106,
101.293

 26, 15.106,
101.293

 16, 15.106,
101.293

 6, 15.106, 101.293

0, 15.106, 101.293

76, 15.106,
101.293

76, 15.106,
101.293

75, 23.960,
100.175

77, 6.252, 102.391

78, 2.568, 283.531

74, 32.742, 99.033

80, 11.331,
284.524

73, 41.338, 97.884

72, 49.554, 96.740

81, 20.024,
285.508

71, 57.078, 95.610

82, 27.797,
286.169

70, 63.442, 94.497

69, 68.054, 93.390

83, 26.301,
283.574

68, 70.485, 92.259

84, 24.865,

■ 68, 71.015, 91.931 280.689

■ 85, 23.499,
277.476

■ 85, 22.214,
273.897

Harmonies

Complementary

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



76, 15.106, 101.293



68, 15.486, 285.259

Rectangle

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



76, 15.106, 101.293



76, 15.106, 151.293



76, 15.106, 281.293



76, 15.106, 331.293

Sweetspot

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



76, 15.107, 101.300



97, 5.428, 102.601



69, 13.153, 7.444



52, 3.704, 102.528



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



76, 15.107, 101.300



95, 22.898, 100.827



76, 18.135, 122.123



40, 5.017, 102.147



57, 62.041, 92.097



10, 15.420, 97.066

Inverse Universe

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



68, 15.486, 285.259



83, 23.623, 285.864



68, 18.710, 304.046



38, 5.090, 284.259



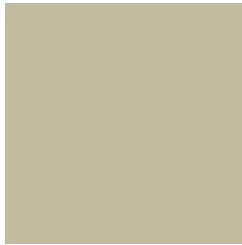
21, 86.189, 303.616



2, 17.406, 286.738

Previews

White Background



This preview shows how the CIELCh color 76, 15.106, 101.293 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, 15.106, 101.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

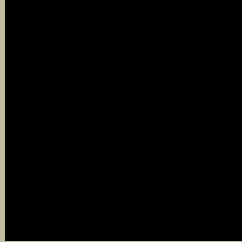
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 15.106, 101.293

Background



This preview shows how black text looks on a background with the CIELCh color 76, 15.106, 101.293.



This preview shows how white text looks on a background with the CIELCh color 76, 15.106, 101.293.

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, 15.106, 101.293

Protanopia

76, 15.501, 94.007

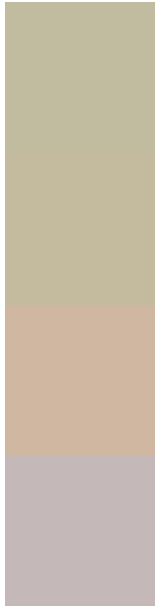
Deuteranopia

76, 17.052, 54.521



Tritanopia
76, 9.379, 326.682

Trichromacy



Original Color
76, 15.106, 101.293

Protanomaly
76, 15.404, 95.435

Deuteranomaly
76, 15.215, 70.346

Tritanomaly
76, 4.161, 27.011

Monochromacy



Original Color
76, 15.106, 101.293

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.410, 101.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 15.106, 101.293 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(193, 188, 160)` looks like.

```
.text, #text, p{  
    color:rgb(193, 188, 160)  
}
```

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(193, 188, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 188, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 15.106, 101.293 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(193, 188, 160) }
```

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

```
.border{ border-color:rgb(193, 188, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 188, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 188, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 188, 160);  
box-shadow:4px 4px 4px 4px rgb(193, 188,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 15.106, 101.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 188, 160) }
```

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

```
.background{ background-color: rgb(193,  
188, 160) }
```

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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