

Converting Colors

CIELCh(76, 15.139, 94.228)

Have a look what the booklet for
CIELCh(76, 15.139, 94.228) contains.

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Color

CIELCh(76, 14.983, 93.564)

Conversions

Conversions Part 1

Format	Color
Hex	C5BBA0
RGB	197, 187, 160
RGB Percent	77%, 73%, 63%
CMY	0.2279, 0.2671, 0.3729
CMYK	0.00, 0.05, 0.19, 0.23
HSL	44°, 24%, 70%
HSV	44°, 19%, 77%
XYZ	47.0830, 49.8872, 40.3588
YIQ	186.9120, 14.6270, -6.2770

Conversions

Conversions Part 2

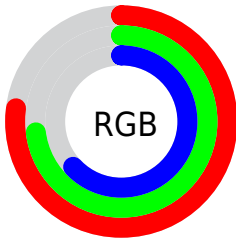
Format	Color
RYB	174, 197, 160
Decimal	12958624
CIELab	76.00, -0.93, 14.95
CIELCh	76, 14.983, 93.564
Yxy	49.8872, 0.3428, 0.3633
Android (android.graphics.Color)	4291148704 (0xFFC5BBA0)
YUV	186.9120, -13.2676, 8.8472
Hunter-Lab	70.6309, -4.6148, 15.5631

Details

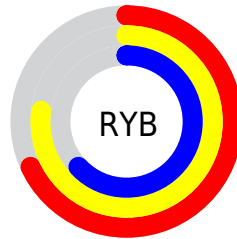
The CIELCh color **76, 14.983, 93.564** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 15.119, 278.395**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 14.846, 93.107**, and **56, 15.277, 93.861** is the 20% darker color. If you saturate the color by 10%, you get **74, 23.102, 92.312**, and if you desaturate by 10%, it is **78, 6.956, 94.783**.

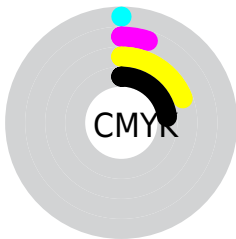
Distribution



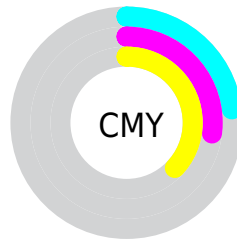
- Red (77%)
- Green (73%)
- Blue (63%)



- Red (68%)
- Yellow (77%)
- Blue (63%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)
- Black (23%)



- Cyan (23%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 14.983, 93.564 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, 14.983, 93.564 by changing the saturation by 10% instead.

■ 76, 14.983, 93.564

■ 76, 14.983, 93.564

■ 100, 14.983,
93.564

■ 66, 14.983, 93.564

■ 96, 14.983, 93.564

■ 56, 14.983, 93.564

■ 46, 14.983, 93.564

■ 36, 14.983, 93.564

■ 26, 14.983, 93.564

■ 16, 14.983, 93.564

■ 6, 14.983, 93.564

■ 0, 14.983, 93.564

■ 76, 14.983, 93.564

■ 76, 14.983, 93.564

74, 23.102, 92.312

78, 6.956, 94.783

72, 31.264, 91.014

80, 0.961, 276.199

71, 39.378, 89.683

82, 8.760, 277.153

69, 47.274, 88.313

84, 16.441,
278.229

68, 54.654, 86.889

85, 22.313,
278.017

66, 61.030, 85.368

65, 65.718, 83.665

87, 20.037,
270.882

63, 68.309, 81.694

88, 18.140,
262.171

63, 68.591, 81.455

90, 16.741,
251.811

91, 15.959,
240.103

Harmonies

Complementary

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



76, 14.983, 93.564



70, 15.119, 278.395

Rectangle

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



76, 14.983, 93.564



76, 14.983, 143.564



76, 14.983, 273.564



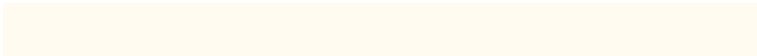
76, 14.983, 323.564

Sweetspot

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



76, 14.984, 93.572



99, 5.843, 95.094



69, 15.340, 359.001



52, 3.878, 95.019



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, 14.984, 93.572



95, 22.695, 93.002



78, 19.893, 117.396



41, 4.527, 94.713



53, 59.732, 81.794



10, 14.835, 85.709

Inverse Universe

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



70, 15.119, 278.395



85, 22.949, 279.125



68, 20.692, 300.017



39, 4.554, 277.052



25, 76.196, 299.449



3, 17.552, 283.529

Previews

White Background



This preview shows how the CIELCh color 76, 14.983, 93.564 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, 14.983, 93.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

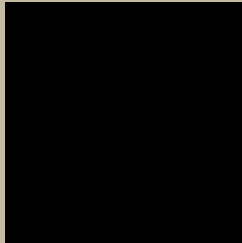
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

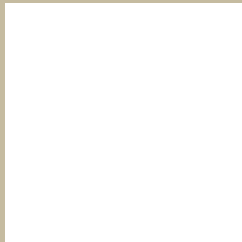
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 14.983, 93.564

Background



This preview shows how black text looks on a background with the CIELCh color 76, 14.983, 93.564.



This preview shows how white text looks on a background with the CIELCh color 76, 14.983, 93.564.

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, 14.983, 93.564

Protanopia

76, 14.983, 93.564

Deuteranopia

76, 17.391, 55.879



Tritanopia
76, 10.582, 334.928

Trichromacy



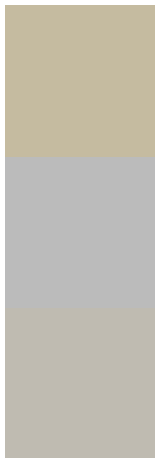
Original Color
76, 14.983, 93.564

Protanomaly
76, 14.983, 93.564

Deuteranomaly
76, 15.475, 69.198

Tritanomaly
76, 6.064, 24.873

Monochromacy



Original Color
76, 14.983, 93.564

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.561, 93.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 14.983, 93.564 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(197, 187, 160)` looks like.

```
.text, #text, p{  
    color:rgb(197, 187, 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(197, 187, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 187, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 14.983, 93.564 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(197, 187, 160) }
```

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

```
.border{ border-color:rgb(197, 187, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 187, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 187, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 187, 160);  
box-shadow:4px 4px 4px 4px rgb(197, 187,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 14.983, 93.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 187, 160) }
```

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

```
.background{ background-color: rgb(197,  
187, 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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