

Converting Colors

CIELCh(76, 13.826, 93.008)

Have a look what the booklet for
CIELCh(76, 13.826, 93.008) contains.

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Color

CIELCh(76, 13.949, 92.568)

Conversions

Conversions Part 1

Format	Color
Hex	C5BBA2
RGB	197, 187, 162
RGB Percent	77%, 73%, 64%
CMY	0.2283, 0.2675, 0.3655
CMYK	0.00, 0.05, 0.18, 0.23
HSL	43°, 23%, 70%
HSV	43°, 18%, 77%
XYZ	47.1925, 49.8872, 41.2237
YIQ	187.1400, 13.9850, -5.6550

Conversions

Conversions Part 2

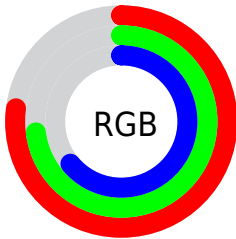
Format	Color
RYB	176, 197, 162
Decimal	12958626
CIELab	76.00, -0.62, 13.93
CIELCh	76, 13.949, 92.568
Yxy	49.8872, 0.3412, 0.3607
Android (android.graphics.Color)	4291148706 (0xFFC5BBA2)
YUV	187.1400, -12.3940, 8.6472
Hunter-Lab	70.6309, -4.3382, 14.8371

Details

The CIELCh color **76, 13.949, 92.568** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 14.031, 277.169**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 13.864, 92.076**, and **56, 14.179, 92.922** is the 20% darker color. If you saturate the color by 10%, you get **74, 21.955, 91.307**, and if you desaturate by 10%, it is **78, 6.052, 93.792**.

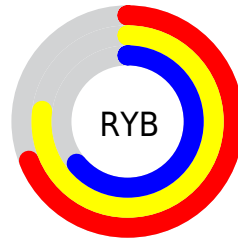
Distribution



Red (77%)

Green (73%)

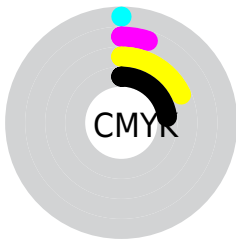
Blue (64%)



Red (69%)

Yellow (77%)

Blue (64%)

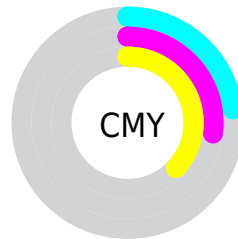


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 13.949, 92.568 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, 13.949, 92.568 by changing the saturation by 10% instead.

■ 76, 13.949, 92.568

■ 76, 13.949, 92.568

■ 100, 13.949,
92.568

■ 66, 13.949, 92.568

■ 96, 13.949, 92.568

■ 56, 13.949, 92.568

■ 46, 13.949, 92.568

■ 36, 13.949, 92.568

■ 26, 13.949, 92.568

■ 16, 13.949, 92.568

■ 6, 13.949, 92.568

■ 0, 13.949, 92.568

■ 76, 13.949, 92.568

■ 76, 13.949, 92.568

74, 21.955, 91.307

78, 6.052, 93.792

72, 30.027, 89.997

80, 1.723, 275.137

71, 38.086, 88.651

82, 9.371, 276.182

69, 45.978, 87.264

84, 16.894,
277.265

67, 53.429, 85.819

86, 21.700,
276.203

66, 59.976, 84.269

64, 64.947, 82.526

87, 19.405,
268.200

63, 67.783, 80.477

89, 17.573,
258.388

62, 68.319, 80.016

90, 16.348,
246.815

92, 15.859,
234.067

Harmonies

Complementary

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



76, 13.949, 92.568



70, 14.031, 277.169

Rectangle

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



76, 13.949, 92.568



76, 13.949, 142.568



76, 13.949, 272.568



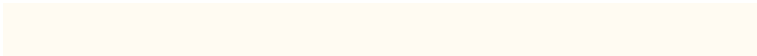
76, 13.949, 322.568

Sweetspot

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



76, 13.950, 92.577



99, 4.785, 94.101



70, 14.588, 357.712



53, 3.268, 94.021



0, 0.000, 0.000



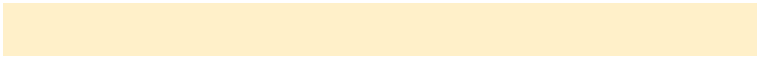
53, 0.007, 296.813

Same Dimension

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



76, 13.950, 92.577



95, 20.389, 92.132



78, 18.785, 116.788



41, 4.456, 93.603



52, 59.514, 80.377



10, 14.602, 84.077

Inverse Universe

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



70, 14.031, 277.169



87, 20.527, 277.728



68, 19.507, 299.335



39, 4.476, 275.970



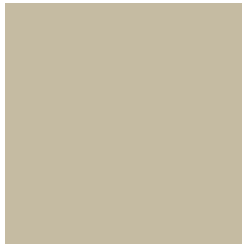
26, 74.563, 298.735



3, 17.339, 282.949

Previews

White Background



This preview shows how the CIELCh color 76, 13.949, 92.568 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, 13.949, 92.568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

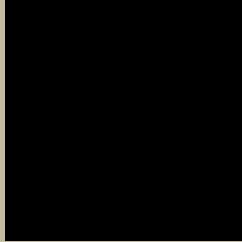
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

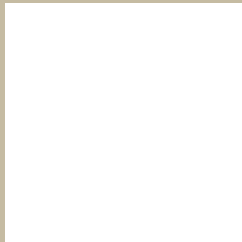
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 13.949, 92.568

Background



This preview shows how black text looks on a background with the CIELCh color 76, 13.949, 92.568.



This preview shows how white text looks on a background with the CIELCh color 76, 13.949, 92.568.

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, 13.949, 92.568

Protanopia

76, 13.949, 92.568

Deuteranopia

76, 16.383, 53.862



Tritanopia
76, 10.327, 333.426

Trichromacy



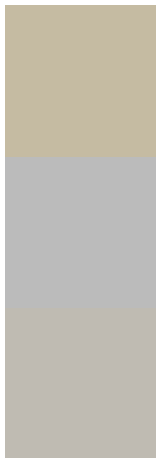
Original Color
76, 13.949, 92.568

Protanomaly
76, 13.949, 92.568

Deuteranomaly
76, 14.536, 64.212

Tritanomaly
76, 5.649, 19.776

Monochromacy



Original Color
76, 13.949, 92.568

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.045, 92.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 13.949, 92.568 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(197, 187, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 187, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 13.949, 92.568 is called "border". The border property can be set on classes, ids or directly on the HTML element.

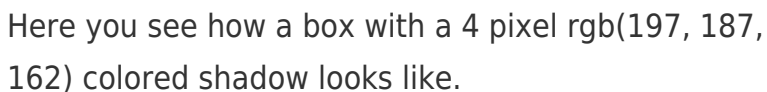
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 187, 162) }
```

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

```
.border{ border-color:rgb(197, 187, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 187, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 187, 162); box-shadow:4px 4px 4px 4px rgb(197, 187, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 13.949, 92.568 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, 162) }
```

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

```
.background{ background-color: rgb(197,  
187, 162) }
```

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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