

Converting Colors

CIELCh(76, 4.822, 283.804)

Have a look what the booklet for
CIELCh(76, 4.822, 283.804) contains.

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Color

CIELCh(76, 4.893, 282.141)

Conversions

Conversions Part 1

Format	Color
Hex	B9BBC4
RGB	185, 187, 196
RGB Percent	73%, 73%, 77%
CMY	0.2742, 0.2663, 0.2311
CMYK	0.06, 0.05, 0.00, 0.23
HSL	229°, 9%, 75%
HSV	229°, 6%, 77%
XYZ	47.7864, 49.8872, 59.3827
YIQ	187.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

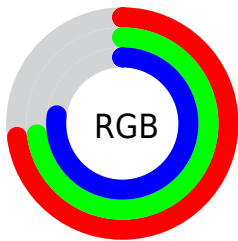
Format	Color
RYB	185, 187, 196
Decimal	12172228
CIELab	76.00, 1.03, -4.78
CIELCh	76, 4.893, 282.141
Yxy	49.8872, 0.3043, 0.3176
Android (android.graphics.Color)	4290362308 (0xFFB9BBC4)
YUV	187.4280, 4.2260, -2.1294
Hunter-Lab	70.6309, -2.8371, -0.4063

Details

The CIELCh color $76, 4.893, 282.141$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 4.844, 100.811$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 5.168, 282.903$, and $56, 4.633, 281.228$ is the 20% darker color. If you saturate the color by 10%, you get $70, 13.800, 283.390$, and if you desaturate by 10%, it is $82, 3.755, 100.956$.

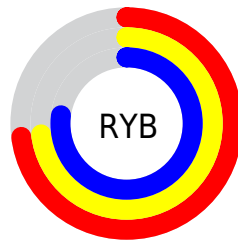
Distribution



Red (73%)

Green (73%)

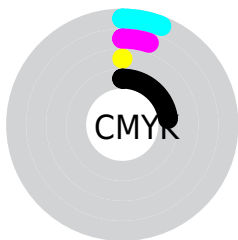
Blue (77%)



Red (73%)

Yellow (73%)

Blue (77%)

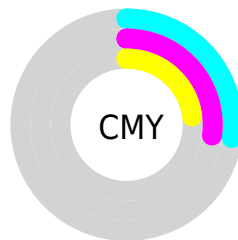


Cyan (6%)

Magenta (5%)

Yellow (0%)

Black (23%)



Cyan (27%)

Magenta (27%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 4.893, 282.141 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, 4.893, 282.141 by changing the saturation by 10% instead.

■ 76, 4.893, 282.141

■ 76, 4.893, 282.141

■ 100, 4.893,
282.141

■ 66, 4.893, 282.141

■ 96, 4.893, 282.141

■ 56, 4.893, 282.141

■ 46, 4.893, 282.141

■ 36, 4.893, 282.141

■ 26, 4.893, 282.141

■ 16, 4.893, 282.141

■ 6, 4.893, 282.141

■ 0, 4.893, 282.141

■ 76, 4.893, 282.141

■ 76, 4.893, 282.141

70, 13.800,
283.390

82, 3.755, 100.956

65, 22.992,
284.885

87, 12.156,
100.032

59, 32.491,
286.636

93, 20.324, 99.212

53, 42.328,
288.675

98, 27.915,
105.100

48, 52.525,
291.021

99, 29.688,
107.921

42, 63.072,
293.660

37, 73.854,
296.514

33, 84.525,
299.417

29, 94.358,

Harmonies

Complementary

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



76, 4.893, 282.141



78, 4.844, 100.811

Rectangle

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



76, 4.893, 282.141



76, 4.893, 332.141



76, 4.893, 102.141



76, 4.893, 152.141

Sweetspot

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



76, 4.891, 282.126



99, 2.154, 281.765



78, 4.157, 184.166



53, 1.225, 281.758



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, 4.891, 282.126



95, 7.568, 282.299



76, 6.087, 302.732



39, 3.926, 282.344



22, 83.674, 302.738



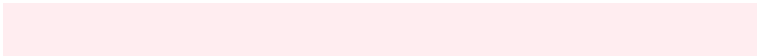
2, 17.000, 285.718

Inverse Universe

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



76, 4.256, 5.010



95, 6.599, 5.177



79, 6.010, 122.129



39, 3.425, 5.218



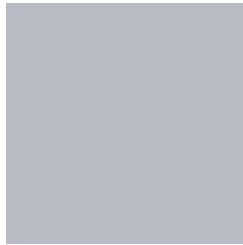
33, 66.188, 30.146



3, 14.242, 9.565

Previews

White Background



This preview shows how the CIELCh color 76, 4.893, 282.141 looks on a white background.

Color Contrast Check

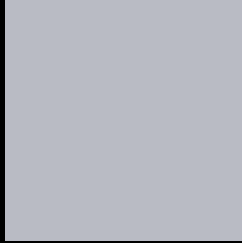
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 4.893, 282.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

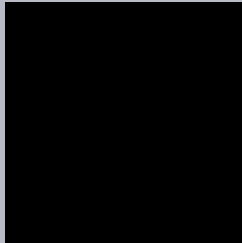
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

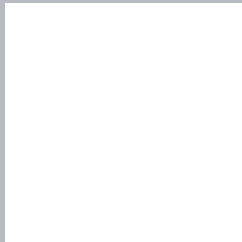
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 4.893, 282.141

Background



This preview shows how black text looks on a background with the CIELCh color 76, 4.893, 282.141.

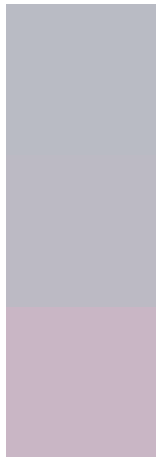


This preview shows how white text looks on a background with the CIELCh color 76, 4.893, 282.141.

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

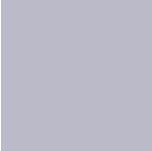
76, 4.893, 282.141

Protanopia

76, 5.452, 298.342

Deuteranopia

76, 10.722, 331.460



Tritanopia
76, 8.086, 290.938

Trichromacy



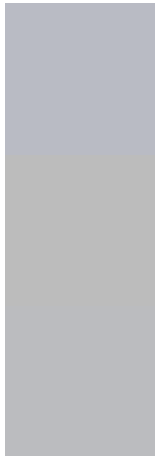
Original Color
76, 4.893, 282.141

Protanomaly
76, 5.411, 294.533

Deuteranomaly
76, 8.120, 320.447

Tritanomaly
76, 7.009, 290.840

Monochromacy



Original Color
76, 4.893, 282.141

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.657, 277.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 4.893, 282.141 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(185, 187, 196)` looks like.

```
.text, #text, p{  
    color:rgb(185, 187, 196)  
}
```

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(185, 187, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 187, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 4.893, 282.141 is called "border". The border property can be set on classes, ids or directly on the HTML element.

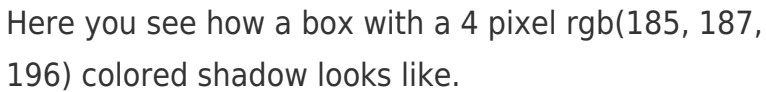
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 187, 196) }
```

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

```
.border{ border-color:rgb(185, 187, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 187, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 187, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 187, 196); box-shadow:4px 4px 4px 4px rgb(185, 187, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 4.893, 282.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 187, 196) }
```

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

```
.background{ background-color: rgb(185,  
187, 196) }
```

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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