

Converting Colors

CIELCh(76, 7.593, 293.976)

Have a look what the booklet for
CIELCh(76, 7.593, 293.976) contains.

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Color

CIELCh(76, 7.561, 293.611)

Conversions

Conversions Part 1

Format	Color
Hex	BBBAC8
RGB	187, 186, 200
RGB Percent	73%, 73%, 78%
CMY	0.2664, 0.2703, 0.2155
CMYK	0.06, 0.07, 0.00, 0.22
HSL	244°, 11%, 76%
HSV	244°, 7%, 78%
XYZ	48.5110, 49.8872, 61.7515
YIQ	187.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

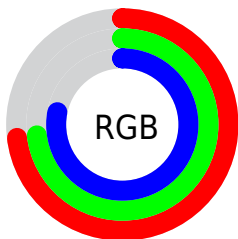
Format	Color
R_{YB}	187, 186, 200
Decimal	12303048
CIE _{Lab}	76.00, 3.03, -6.93
CIE _{LCh}	76, 7.561, 293.611
Yxy	49.8872, 0.3029, 0.3115
Android (android.graphics.Color)	4290493128 (0xFFBBBAC8)
YUV	187.8950, 5.9678, -0.7849
Hunter-Lab	70.6309, -1.0061, -2.3947

Details

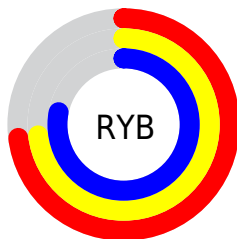
The CIELCh color $76, 7.561, 293.611$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 7.430, 112.385$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.688, 293.655$, and $56, 7.467, 293.978$ is the 20% darker color. If you saturate the color by 10%, you get $69, 18.724, 294.613$, and if you desaturate by 10%, it is $83, 3.169, 112.723$.

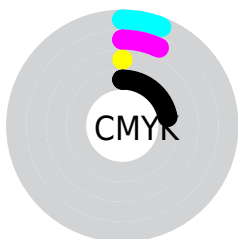
Distribution



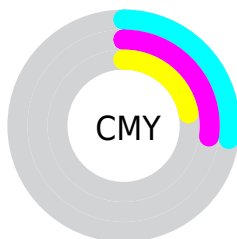
- Red (73%)
- Green (73%)
- Blue (78%)



- Red (73%)
- Yellow (73%)
- Blue (78%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 7.561, 293.611 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, 7.561, 293.611 by changing the saturation by 10% instead.

■ 76, 7.561, 293.611

■ 76, 7.561, 293.611

100, 7.561,
293.611

■ 66, 7.561, 293.611

■ 96, 7.561, 293.611

■ 56, 7.561, 293.611

■ 46, 7.561, 293.611

■ 36, 7.561, 293.611

■ 26, 7.561, 293.611

■ 16, 7.561, 293.611

■ 6, 7.561, 293.611

■ 0, 7.561, 293.611

■ 76, 7.561, 293.611

■ 76, 7.561, 293.611

69, 18.724,
294.613

83, 3.169, 112.723

63, 30.355,
295.796

89, 13.491,
111.995

56, 42.471,
297.169

96, 23.436,
111.366

49, 55.057,
298.739

99, 27.705,
108.073

43, 68.000,
300.482

37, 80.967,
302.317

32, 93.188,
304.073

28, 103.270,
305.478

25, 109.623,

Harmonies

Complementary

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



76, 7.561, 293.611



80, 7.430, 112.385

Rectangle

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



76, 7.561, 293.611



76, 7.561, 343.611



76, 7.561, 113.611



76, 7.561, 163.611

Sweetspot

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



76, 7.559, 293.604



98, 2.614, 293.170



79, 4.712, 205.243



52, 1.486, 293.162



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, 7.559, 293.604



94, 10.547, 293.708



77, 8.102, 311.639



38, 6.125, 293.829



19, 95.445, 306.533



1, 21.544, 293.626

Inverse Universe

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



77, 8.704, 326.780



95, 12.128, 326.848



80, 8.024, 131.087



39, 7.032, 326.923



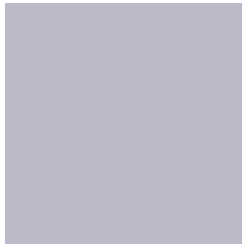
38, 78.302, 331.256



4, 25.154, 329.470

Previews

White Background



This preview shows how the CIELCh color 76, 7.561, 293.611 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, 7.561, 293.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

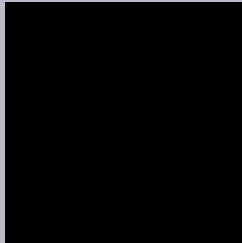
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 7.561, 293.611

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.561, 293.611.

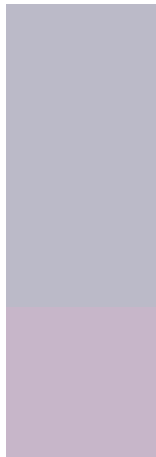


This preview shows how white text looks on a background with the CIELCh color 76, 7.561, 293.611.

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, 7.561, 293.611

Protanopia

76, 7.561, 293.611

Deuteranopia

76, 12.019, 322.000



Tritanopia
76, 8.099, 293.474

Trichromacy



Original Color
76, 7.561, 293.611

Protanomaly
76, 7.561, 293.611

Deuteranomaly
76, 10.687, 315.023

Tritanomaly
76, 8.099, 293.474

Monochromacy



Original Color
76, 7.561, 293.611

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.728, 298.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 7.561, 293.611 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(187, 186, 200)` looks like.

```
.text, #text, p{  
    color:rgb(187, 186, 200)  
}
```

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(187, 186, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 186, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.561, 293.611 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(187, 186, 200) }
```

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

```
.border{ border-color:rgb(187, 186, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 186, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 186, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 186, 200);  
box-shadow:4px 4px 4px 4px rgb(187, 186,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.561, 293.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 186, 200) }
```

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

```
.background{ background-color: rgb(187,  
186, 200) }
```

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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