

Converting Colors

CIELCh(76, 8.121, 311.801)

Have a look what the booklet for
CIELCh(76, 8.121, 311.801) contains.

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Color

CIELCh(76, 8.121, 311.801)

Conversions

Conversions Part 1

Format	Color
Hex	C1B9C7
RGB	193, 185, 199
RGB Percent	76%, 73%, 78%
CMY	0.2449, 0.2763, 0.2214
CMYK	0.03, 0.07, 0.00, 0.22
HSL	274°, 11%, 75%
HSV	274°, 7%, 78%
XYZ	49.3847, 49.8872, 60.7785
YIQ	188.9880, 0.2740, 6.0500

Conversions

Conversions Part 2

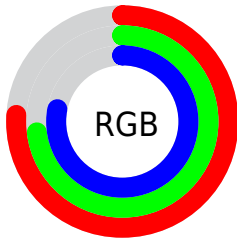
Format	Color
R _Y B	193, 185, 199
Decimal	12696007
CIE Lab	76.00, 5.41, -6.05
CIE LCh	76, 8.121, 311.801
Yxy	49.8872, 0.3086, 0.3117
Android (android.graphics.Color)	4290886087 (0xFFC1B9C7)
YUV	188.9880, 4.9359, 3.5185
Hunter-Lab	70.6309, 1.2020, -1.5779

Details

The CIELCh color $76, 8.121, 311.801$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 8.041, 131.243$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 7.738, 311.734$, and $56, 7.954, 310.764$ is the 20% darker color. If you saturate the color by 10%, you get $70, 19.888, 312.253$, and if you desaturate by 10%, it is $82, 3.342, 131.446$.

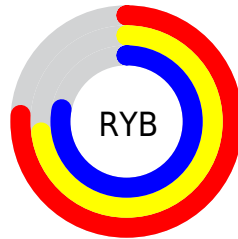
Distribution



Red (76%)

Green (73%)

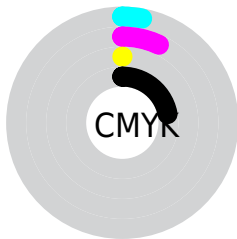
Blue (78%)



Red (76%)

Yellow (73%)

Blue (78%)

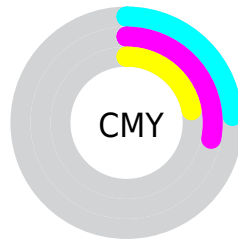


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (22%)



Cyan (24%)

Magenta (28%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 8.121, 311.801 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, 8.121, 311.801 by changing the saturation by 10% instead.

■ 76, 8.121, 311.801

■ 76, 8.121, 311.801

■ 100, 8.121,
311.801

■ 66, 8.121, 311.801

■ 96, 8.121, 311.801

■ 56, 8.121, 311.801

■ 46, 8.121, 311.801

■ 36, 8.121, 311.801

■ 26, 8.121, 311.801

■ 16, 8.121, 311.801

■ 6, 8.121, 311.801

■ 0, 8.121, 311.801

■ 76, 8.121, 311.801

■ 76, 8.121, 311.801

70, 19.888,
312.253

82, 3.342, 131.446

65, 31.911,
312.726

88, 14.472,
131.039

59, 44.085,
313.207

93, 25.267,
130.697

54, 56.226,
313.672

97, 30.507,
128.162

48, 68.033,
314.082

97, 29.511,
122.565

44, 79.041,
314.380

98, 28.826,
116.537

40, 88.610,
314.485

99, 28.492,
110.201

36, 95.994,
314.303

99, 28.463,
108.015

34, 100.673,

313.763

Harmonies

Complementary

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



76, 8.121, 311.801



79, 8.041, 131.243

Rectangle

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



76, 8.121, 311.801



76, 8.121, 1.801



76, 8.121, 131.801



76, 8.121, 181.801

Sweetspot

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



76, 8.119, 311.798



99, 2.812, 311.544



77, 4.750, 263.261



53, 1.599, 311.537



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, 8.119, 311.798



94, 11.309, 311.846



76, 8.740, 326.650



39, 6.563, 311.904



27, 87.928, 313.745



3, 22.699, 308.616

Inverse Universe

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



76, 6.141, 348.229



95, 8.557, 348.336



79, 8.721, 145.902



39, 4.966, 348.461



34, 60.490, 8.369



4, 17.247, 357.240

Previews

White Background



This preview shows how the CIELCh color 76, 8.121, 311.801 looks on a white background.

Color Contrast Check

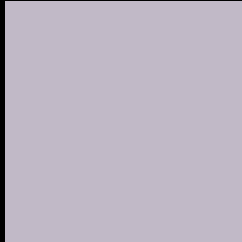
Large Text (above 18pt) WCAG AA × Fail

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, 8.121, 311.801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

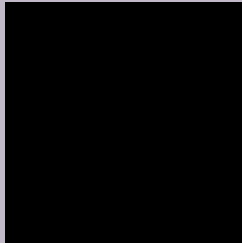
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

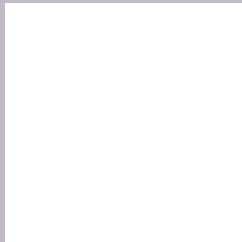
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 8.121, 311.801

Background



This preview shows how black text looks on a background with the CIELCh color 76, 8.121, 311.801.

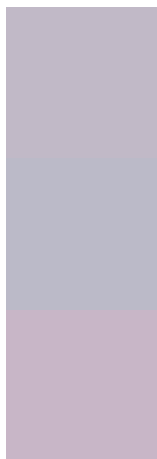


This preview shows how white text looks on a background with the CIELCh color 76, 8.121, 311.801.

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, 8.121, 311.801

Protanopia

76, 7.561, 293.611

Deuteranopia

76, 11.330, 326.445



Tritanopia
76, 8.765, 312.779

Trichromacy



Original Color
76, 8.121, 311.801

Protanomaly
76, 7.710, 301.678

Deuteranomaly
76, 10.071, 321.360

Tritanomaly
76, 8.765, 312.779

Monochromacy



Original Color
76, 8.121, 311.801

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 2.928, 312.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 8.121, 311.801 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, 185, 199)` looks like.

```
.text, #text, p{  
    color:rgb(193, 185, 199)  
}
```

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, 185, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 185, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 8.121, 311.801 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, 185, 199) }
```

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

```
.border{ border-color:rgb(193, 185, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 185, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 185, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 185, 199);  
box-shadow:4px 4px 4px 4px rgb(193, 185,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 8.121, 311.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 185, 199) }
```

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

```
.background{ background-color: rgb(193,  
185, 199) }
```

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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