

Converting Colors

CIELCh(76, 15.350, 309.010)

Have a look what the booklet for
CIELCh(76, 15.350, 309.010)
contains.

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Color

CIELCh(76, 15.350, 309.010)

Conversions

Conversions Part 1

Format	Color
Hex	C3B6D1
RGB	195, 182, 209
RGB Percent	76%, 71%, 82%
CMY	0.2338, 0.2848, 0.1789
CMYK	0.07, 0.13, 0.00, 0.18
HSL	269°, 23%, 77%
HSV	269°, 13%, 82%
XYZ	50.9674, 49.8872, 67.5167
YIQ	188.9650, -0.9190, 11.1530

Conversions

Conversions Part 2

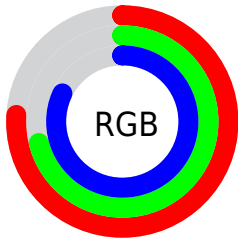
Format	Color
R_{YB}	195, 182, 209
Decimal	12826321
CIE _{Lab}	76.00, 9.66, -11.93
CIE _{LCh}	76, 15.350, 309.010
Yxy	49.8872, 0.3027, 0.2963
Android (android.graphics.Color)	4291016401 (0xFFC3B6D1)
YUV	188.9650, 9.8773, 5.2927
Hunter-Lab	70.6309, 5.2019, -7.2342

Details

The CIELCh color $76, 15.350, 309.010$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $82, 15.066, 127.842$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 10.049, 319.786$, and $56, 15.646, 308.500$ is the 20% darker color. If you saturate the color by 10%, you get $70, 27.632, 309.525$, and if you desaturate by 10%, it is $82, 3.404, 308.512$.

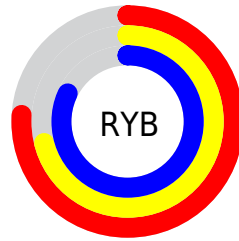
Distribution



Red (76%)

Green (71%)

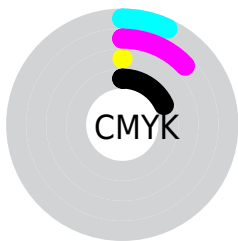
Blue (82%)



Red (76%)

Yellow (71%)

Blue (82%)

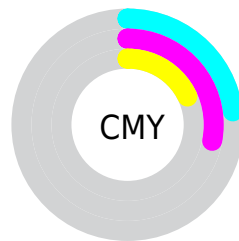


Cyan (7%)

Magenta (13%)

Yellow (0%)

Black (18%)



Cyan (23%)


Magenta (28%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 15.350, 309.010 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, 15.350, 309.010 by changing the saturation by 10% instead.


 76, 15.350,
309.010


 76, 15.350,
309.010


 100, 15.350,
309.010


 66, 15.350,
309.010


 96, 15.350,
309.010

 56, 15.350,
309.010

 46, 15.350,
309.010

 36, 15.350,
309.010

 26, 15.350,
309.010

 16, 15.350,
309.010

 6, 15.350, 309.010

■ 0, 15.350, 309.010

■ 76, 15.350,
309.010

■ 76, 15.350,
309.010

■ 70, 27.632,
309.525

■ 82, 3.404, 308.512

■ 88, 8.179, 128.138

■ 64, 40.197,
310.075

■ 95, 19.396,
127.754

■ 58, 52.923,
310.641

■ 98, 23.875,
122.890

■ 52, 65.589,
311.192

■ 99, 23.139,
113.337

■ 47, 77.816,
311.675

■ 99, 23.035,
108.432

■ 42, 89.007,
312.011

■ 38, 98.340,
312.090

■ 34, 104.933,
311.792

■ 33, 108.080,
311.390

Harmonies

Complementary

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



76, 15.350, 309.010



82, 15.066, 127.842

Rectangle

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



76, 15.350, 309.010



76, 15.350, 359.010



76, 15.350, 129.010



76, 15.350, 179.010

Sweetspot

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



76, 15.348, 309.008



97, 5.519, 308.574



79, 8.321, 253.442



51, 3.925, 308.612



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, 15.348, 309.008



89, 21.013, 309.123



77, 17.361, 324.213



41, 6.711, 308.836



26, 91.707, 311.562



3, 26.642, 306.777

Inverse Universe

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



77, 12.540, 343.709



90, 17.153, 343.918



81, 17.328, 142.821



41, 5.489, 343.393



36, 62.345, 359.941



5, 22.006, 352.740

Previews

White Background



This preview shows how the CIELCh color 76, 15.350, 309.010 looks on a white background.

Color Contrast Check

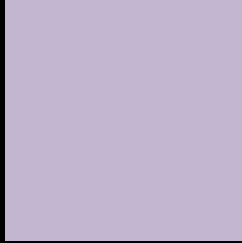
Large Text (above 18pt) WCAG AA × Fail

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, 15.350, 309.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

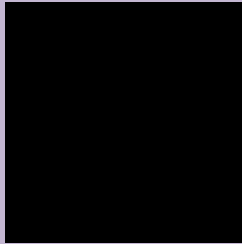
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 15.350, 309.010

Background



This preview shows how black text looks on a background with the CIELCh color 76, 15.350, 309.010.



This preview shows how white text looks on a background with the CIELCh color 76, 15.350, 309.010.

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, 15.350, 309.010

Protanopia

76, 14.028, 287.215

Deuteranopia

76, 15.350, 309.010



Tritanopia
76, 8.909, 314.960

Trichromacy



Original Color
76, 15.350, 309.010

Protanomaly
76, 14.075, 295.763

Deuteranomaly
76, 15.350, 309.010

Tritanomaly
76, 11.676, 312.882

Monochromacy



Original Color
76, 15.350, 309.010

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 5.082, 307.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 15.350, 309.010 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(195, 182, 209)` looks like.

```
.text, #text, p{  
    color:rgb(195, 182, 209)  
}
```

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(195, 182, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 182, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 15.350, 309.010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

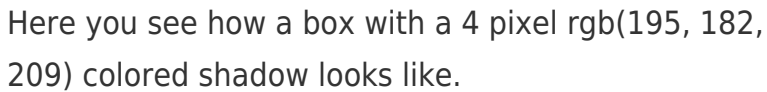
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 182, 209) }
```

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

```
.border{ border-color:rgb(195, 182, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 182, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 182, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 182, 209);  
box-shadow:4px 4px 4px 4px rgb(195, 182,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 15.350, 309.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 182, 209) }
```

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

```
.background{ background-color: rgb(195,  
182, 209) }
```

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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