

Converting Colors

CIELCh(76, 5.395, 286.851)

Have a look what the booklet for
CIELCh(76, 5.395, 286.851) contains.

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Color

CIELCh(76, 5.395, 286.851)

Conversions

Conversions Part 1

Format	Color
Hex	BABBC5
RGB	186, 187, 197
RGB Percent	73%, 73%, 77%
CMY	0.2714, 0.2675, 0.2283
CMYK	0.06, 0.05, 0.00, 0.23
HSL	235°, 9%, 75%
HSV	235°, 6%, 77%
XYZ	47.9795, 49.8872, 59.7977
YIQ	187.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

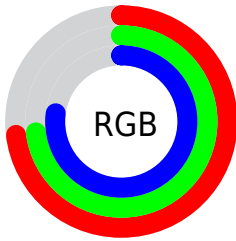
Format	Color
R _Y B	186, 187, 197
Decimal	12237765
CIE Lab	76.00, 1.56, -5.16
CIE LCh	76, 5.395, 286.851
Yxy	49.8872, 0.3043, 0.3164
Android (android.graphics.Color)	4290427845 (0xFFBABB C5)
YUV	187.8410, 4.5154, -1.6146
Hunter-Lab	70.6309, -2.3491, -0.7546

Details

The CIELCh color $76, 5.395, 286.851$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 5.325, 105.638$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 5.650, 287.121$, and $56, 5.162, 286.555$ is the 20% darker color. If you saturate the color by 10%, you get $70, 15.300, 288.026$, and if you desaturate by 10%, it is $82, 4.167, 105.771$.

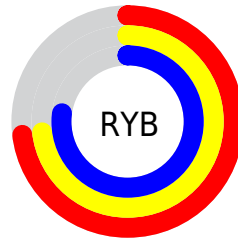
Distribution



Red (73%)

Green (73%)

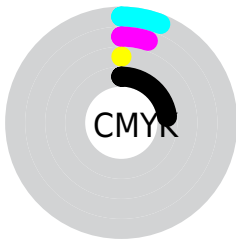
Blue (77%)



Red (73%)

Yellow (73%)

Blue (77%)

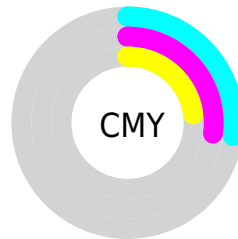


Cyan (6%)

Magenta (5%)

Yellow (0%)

Black (23%)



Cyan (27%)

Magenta (27%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 5.395, 286.851 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, 5.395, 286.851 by changing the saturation by 10% instead.

■ 76, 5.395, 286.851

■ 76, 5.395, 286.851

■ 100, 5.395,
286.851

■ 66, 5.395, 286.851

■ 96, 5.395, 286.851

■ 56, 5.395, 286.851

■ 46, 5.395, 286.851

■ 36, 5.395, 286.851

■ 26, 5.395, 286.851

■ 16, 5.395, 286.851

■ 6, 5.395, 286.851

■ 0, 5.395, 286.851

■ 76, 5.395, 286.851

■ 76, 5.395, 286.851

70, 15.300,
288.026

82, 4.167, 105.771

64, 25.583,
289.431

88, 13.407,
104.910

57, 36.273,
291.079

94, 22.346,
104.157

51, 47.396,
292.996

99, 29.334,
107.948

45, 58.948,
295.187

39, 70.829,
297.611

34, 82.706,
300.147

30, 93.802,
302.565

26, 102.799,

Harmonies

Complementary

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



76, 5.395, 286.851



79, 5.325, 105.638

Rectangle

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



76, 5.395, 286.851



76, 5.395, 336.851



76, 5.395, 106.851



76, 5.395, 156.851

Sweetspot

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



76, 5.393, 286.838



98, 2.375, 286.489



79, 4.039, 190.852



53, 1.350, 286.481



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, 5.393, 286.838



95, 8.357, 287.005



76, 6.163, 305.763



39, 4.429, 287.050



20, 91.373, 304.963



2, 20.131, 289.335

Inverse Universe

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



76, 4.151, 12.182



95, 6.448, 12.337



79, 6.092, 125.245



40, 3.420, 12.377



34, 71.034, 35.866



3, 15.956, 14.686

Previews

White Background



This preview shows how the CIELCh color 76, 5.395, 286.851 looks on a white background.

Color Contrast Check

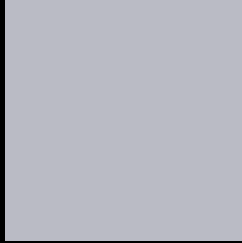
Large Text (above 18pt) WCAG AA × Fail

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, 5.395, 286.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

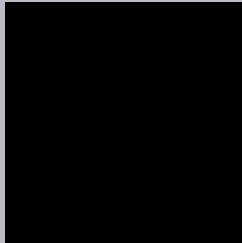
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

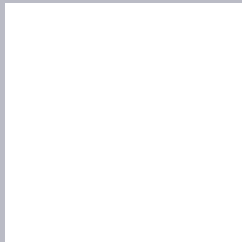
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 5.395, 286.851

Background



This preview shows how black text looks on a background with the CIELCh color 76, 5.395, 286.851.

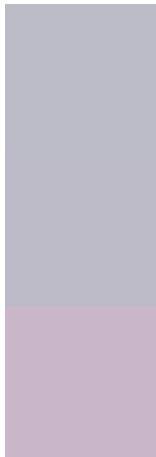


This preview shows how white text looks on a background with the CIELCh color 76, 5.395, 286.851.

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

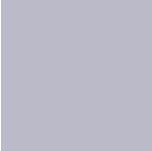
76, 5.395, 286.851

Protanopia

76, 5.452, 298.342

Deuteranopia

76, 11.129, 329.639



Tritanopia
76, 8.086, 290.938

Trichromacy



Original Color
76, 5.395, 286.851

Protanomaly
76, 5.411, 294.533

Deuteranomaly
76, 8.589, 318.665

Tritanomaly
76, 7.009, 290.840

Monochromacy



Original Color
76, 5.395, 286.851

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, 5.395, 286.851 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(186, 187, 197)` looks like.

```
.text, #text, p{  
    color:rgb(186, 187, 197)  
}
```

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(186, 187, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 187, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 5.395, 286.851 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(186, 187, 197) }
```

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

```
.border{ border-color:rgb(186, 187, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 187, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 187, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 187, 197);  
box-shadow:4px 4px 4px 4px rgb(186, 187,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 5.395, 286.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 187, 197) }
```

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

```
.background{ background-color: rgb(186,  
187, 197) }
```

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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