

Converting Colors

CIELCh(76, 5.230, 341.649)

Have a look what the booklet for
CIELCh(76, 5.230, 341.649) contains.

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Color

CIELCh(76, 5.231, 341.649)

Conversions

Conversions Part 1

Format	Color
Hex	C3B8BE
RGB	195, 184, 190
RGB Percent	76%, 72%, 75%
CMY	0.2334, 0.2765, 0.2530
CMYK	0.00, 0.06, 0.03, 0.23
HSL	327°, 8%, 75%
HSV	327°, 6%, 77%
XYZ	49.2197, 49.8872, 56.0283
YIQ	187.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

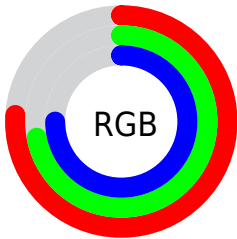
Format	Color
R_{YB}	195, 184, 190
Decimal	12826814
CIE Lab	76.00, 4.96, -1.65
CIE LCh	76, 5.231, 341.649
Yxy	49.8872, 0.3173, 0.3216
Android (android.graphics.Color)	4291016894 (0xFFC3B8BE)
YUV	187.9730, 0.9993, 6.1627
Hunter-Lab	70.6309, 0.7851, 2.4096

Details

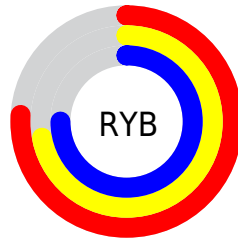
The CIELCh color $76, 5.231, 341.649$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 5.188, 160.920$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 5.265, 343.953$, and $56, 5.252, 339.092$ is the 20% darker color. If you saturate the color by 10%, you get $71, 14.668, 342.540$, and if you desaturate by 10%, it is $81, 3.994, 161.060$.

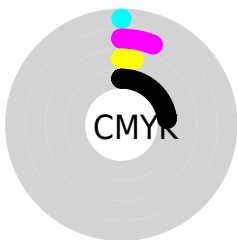
Distribution



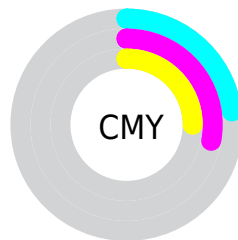
- Red (76%)
- Green (72%)
- Blue (75%)



- Red (76%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (23%)



- Cyan (23%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 5.231, 341.649 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, 5.231, 341.649 by changing the saturation by 10% instead.

■ 76, 5.231, 341.649

■ 76, 5.231, 341.649

■ 100, 5.231,
341.649

■ 66, 5.231, 341.649

■ 96, 5.231, 341.649

■ 56, 5.231, 341.649

■ 46, 5.231, 341.649

■ 36, 5.231, 341.649

■ 26, 5.231, 341.649

■ 16, 5.231, 341.649

■ 6, 5.231, 341.649

■ 0, 5.231, 341.649

■ 76, 5.231, 341.649

■ 76, 5.231, 341.649

71, 14.668,
342.540

81, 3.994, 161.060

66, 24.219,
343.475

87, 12.945,
160.289

61, 33.709,
344.514

92, 21.600,
159.626

56, 42.874,
345.694

95, 25.531,
162.256

52, 51.348,
347.068

96, 22.866,
171.173

49, 58.674,
348.710

96, 20.827,
182.066

46, 64.369,
350.723

96, 19.621,
194.748

44, 68.060,
353.241

96, 19.467,
198.221

43, 69.676,

356.409

Harmonies

Complementary

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



76, 5.231, 341.649



78, 5.188, 160.920

Rectangle

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



76, 5.231, 341.649



76, 5.231, 31.649



76, 5.231, 161.649



76, 5.231, 211.649

Sweetspot

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



76, 5.229, 341.656



99, 2.300, 341.243



76, 6.231, 307.546



53, 1.308, 341.224



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, 5.229, 341.656



95, 8.082, 341.790



76, 4.135, 15.527



39, 4.192, 341.824



34, 60.704, 357.329



3, 16.260, 349.597

Inverse Universe

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



76, 5.229, 341.656



95, 8.082, 341.790



78, 4.004, 195.009



39, 4.192, 341.824



34, 60.704, 357.329



3, 16.260, 349.597

Previews

White Background



This preview shows how the CIELCh color 76, 5.231, 341.649 looks on a white background.

Color Contrast Check

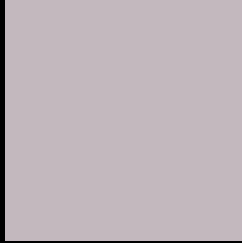
Large Text (above 18pt) WCAG AA × Fail

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, 5.231, 341.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

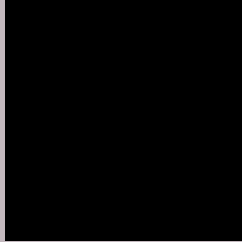
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

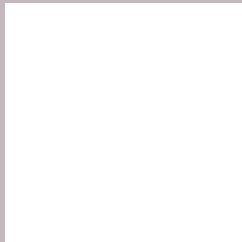
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 5.231, 341.649

Background



This preview shows how black text looks on a background with the CIELCh color 76, 5.231, 341.649.



This preview shows how white text looks on a background with the CIELCh color 76, 5.231, 341.649.

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, 5.231, 341.649

Protanopia

76, 3.435, 309.170

Deuteranopia

76, 9.546, 349.790



Tritanopia
76, 9.615, 322.997

Trichromacy



Original Color
76, 5.231, 341.649

Protanomaly
76, 3.944, 324.549

Deuteranomaly
76, 7.985, 347.486

Tritanomaly
76, 7.425, 327.083

Monochromacy



Original Color
76, 5.231, 341.649

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.845, 343.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 5.231, 341.649 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, 184, 190)` looks like.

```
.text, #text, p{  
    color:rgb(195, 184, 190)  
}
```

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, 184, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 184, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 5.231, 341.649 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, 184, 190) }
```

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

```
.border{ border-color:rgb(195, 184, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 184, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 184, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 184, 190);  
box-shadow:4px 4px 4px 4px rgb(195, 184,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 5.231, 341.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 184, 190) }
```

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

```
.background{ background-color: rgb(195,  
184, 190) }
```

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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