

Converting Colors

CIELCh(76, 5.831, 314.857)

Have a look what the booklet for
CIELCh(76, 5.831, 314.857) contains.

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Color

CIELCh(76, 5.999, 315.915)

Conversions

Conversions Part 1

Format	Color
Hex	C0B9C3
RGB	192, 185, 195
RGB Percent	75%, 73%, 76%
CMY	0.2468, 0.2742, 0.2350
CMYK	0.02, 0.05, 0.00, 0.24
HSL	282°, 8%, 75%
HSV	282°, 5%, 76%
XYZ	48.9789, 49.8872, 58.7203
YIQ	188.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

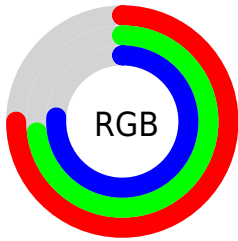
Format	Color
R_{YB}	192, 185, 195
Decimal	12630467
CIE _{Lab}	76.00, 4.31, -4.17
CIE _{LCh}	76, 5.999, 315.915
Yxy	49.8872, 0.3108, 0.3166
Android (android.graphics.Color)	4290820547 (0xFFC0B9C3)
YUV	188.2330, 3.3361, 3.3037
Hunter-Lab	70.6309, 0.1766, 0.1498

Details

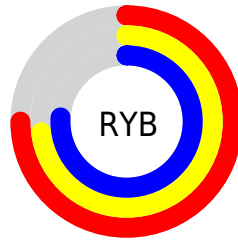
The CIELCh color $76, 5.999, 315.915$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 5.958, 135.547$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.182, 313.834$, and $56, 5.861, 318.383$ is the 20% darker color. If you saturate the color by 10%, you get $71, 17.877, 316.356$, and if you desaturate by 10%, it is $82, 5.616, 135.570$.

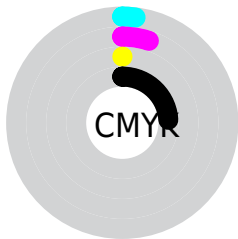
Distribution



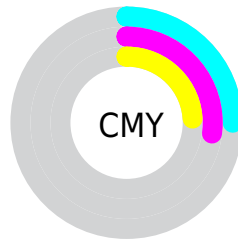
- Red (75%)
- Green (73%)
- Blue (76%)



- Red (75%)
- Yellow (73%)
- Blue (76%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 5.999, 315.915 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, 5.999, 315.915 by changing the saturation by 10% instead.

■ 76, 5.999, 315.915

■ 76, 5.999, 315.915

■ 100, 5.999,
315.915

■ 66, 5.999, 315.915

■ 96, 5.999, 315.915

■ 56, 5.999, 315.915

■ 46, 5.999, 315.915

■ 36, 5.999, 315.915

■ 26, 5.999, 315.915

■ 16, 5.999, 315.915

■ 6, 5.999, 315.915

■ 0, 5.999, 315.915

■ 76, 5.999, 315.915

■ 76, 5.999, 315.915

71, 17.877,
316.356

82, 5.616, 135.570

65, 29.948,
316.794

87, 16.922,
135.173

60, 42.079,
317.226

93, 27.905,
134.822

55, 54.055,
317.627

96, 33.769,
133.358

50, 65.552,
317.965

96, 32.864,
130.130

46, 76.112,
318.193

97, 32.067,
126.680

42, 85.152,
318.252

97, 31.394,
123.020

39, 92.056,
318.077

98, 30.858,
119.169

37, 96.379,

98, 30.472,
115.159

317.611

Harmonies

Complementary

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



76, 5.999, 315.915



78, 5.958, 135.547

Rectangle

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



76, 5.999, 315.915



76, 5.999, 5.915



76, 5.999, 135.915



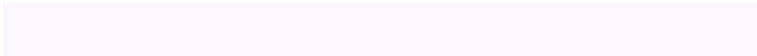
76, 5.999, 185.915

Sweetspot

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



76, 5.997, 315.912



98, 2.881, 315.740



76, 3.836, 273.130



53, 1.652, 315.732



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, 5.997, 315.912



95, 8.664, 315.957



76, 5.767, 330.212



39, 4.625, 315.978



29, 84.718, 317.460



3, 21.209, 313.140

Inverse Universe

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



76, 4.072, 356.310



95, 5.889, 356.421



78, 5.747, 149.688



39, 3.145, 356.472



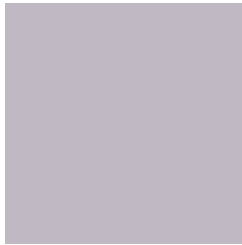
33, 61.854, 20.437



3, 14.615, 3.474

Previews

White Background



This preview shows how the CIELCh color 76, 5.999, 315.915 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, 5.999, 315.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

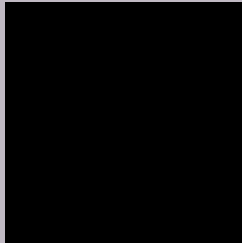
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

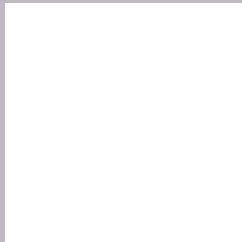
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 5.999, 315.915

Background



This preview shows how black text looks on a background with the CIELCh color 76, 5.999, 315.915.



This preview shows how white text looks on a background with the CIELCh color 76, 5.999, 315.915.

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, 5.999, 315.915

Protanopia

76, 5.452, 298.342

Deuteranopia

76, 10.582, 334.928



Tritanopia
76, 8.765, 312.779

Trichromacy



Original Color
76, 5.999, 315.915

Protanomaly
76, 5.517, 302.086

Deuteranomaly
76, 8.954, 328.718

Tritanomaly
76, 8.269, 314.168

Monochromacy



Original Color
76, 5.999, 315.915

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.291, 309.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 5.999, 315.915 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(192, 185, 195)` looks like.

```
.text, #text, p{  
    color:rgb(192, 185, 195)  
}
```

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(192, 185, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 185, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 5.999, 315.915 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(192, 185, 195) }
```

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

```
.border{ border-color:rgb(192, 185, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 185, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 185, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 185, 195);  
box-shadow:4px 4px 4px 4px rgb(192, 185,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 5.999, 315.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 185, 195) }
```

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

```
.background{ background-color: rgb(192,  
185, 195) }
```

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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