

Converting Colors

CIELCh(76, 5.419, 316.416)

Have a look what the booklet for
CIELCh(76, 5.419, 316.416) contains.

CIELCh(76, 5.519, 318.306)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 5.519, 318.306)

Conversions

Conversions Part 1

Format	Color
Hex	C0B9C2
RGB	192, 185, 194
RGB Percent	75%, 73%, 76%
CMY	0.2465, 0.2739, 0.2386
CMYK	0.01, 0.05, 0.00, 0.24
HSL	287°, 7%, 74%
HSV	287°, 5%, 76%
XYZ	48.9100, 49.8872, 58.1780
YIQ	188.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

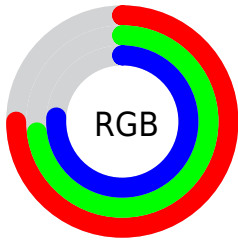
Format	Color
R _Y B	192, 185, 194
Decimal	12630466
CIE Lab	76.00, 4.12, -3.67
CIE LCh	76, 5.519, 318.306
Yxy	49.8872, 0.3116, 0.3178
Android (android.graphics.Color)	4290820546 (0xFFC0B9C2)
YUV	188.1190, 2.8993, 3.4036
Hunter-Lab	70.6309, 0.0025, 0.6050

Details

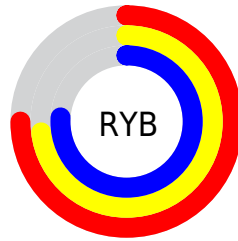
The CIELCh color **76, 5.519, 318.306** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 5.487, 137.975**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 5.259, 318.254**, and **56, 5.363, 321.233** is the 20% darker color. If you saturate the color by 10%, you get **71, 17.572, 318.764**, and if you desaturate by 10%, it is **81, 6.293, 137.951**.

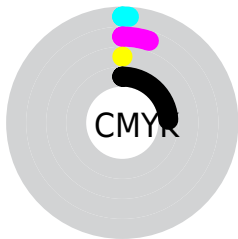
Distribution



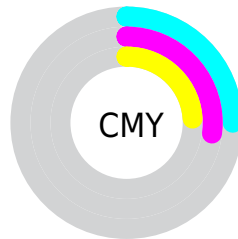
- Red (75%)
- Green (73%)
- Blue (76%)



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



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 5.519, 318.306 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, 5.519, 318.306 by changing the saturation by 10% instead.

■ 76, 5.519, 318.306

■ 76, 5.519, 318.306

■ 100, 5.519,
318.306

■ 66, 5.519, 318.306

■ 96, 5.519, 318.306

■ 56, 5.519, 318.306

■ 46, 5.519, 318.306

■ 36, 5.519, 318.306

■ 26, 5.519, 318.306

■ 16, 5.519, 318.306

■ 6, 5.519, 318.306

■ 0, 5.519, 318.306

■ 76, 5.519, 318.306

■ 76, 5.519, 318.306

71, 17.572,
318.764

81, 6.293, 137.951

66, 29.777,
319.209

87, 17.807,
137.532

60, 41.977,
319.640

92, 28.999,
137.156

56, 53.933,
320.036

96, 35.220,
136.107

51, 65.296,
320.367

96, 34.479,
133.939

47, 75.599,
320.592

96, 33.786,
131.650

44, 84.285,
320.665

96, 33.148,
129.243

41, 90.803,
320.536

97, 32.570,
126.719

39, 94.800,

97, 32.058,
124.082

Harmonies

Complementary

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



76, 5.519, 318.306



78, 5.487, 137.975

Rectangle

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



76, 5.519, 318.306



76, 5.519, 8.306



76, 5.519, 138.306



76, 5.519, 188.306

Sweetspot

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



76, 5.517, 318.304



98, 1.476, 318.022



76, 3.785, 278.915



53, 0.846, 318.011



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, 5.517, 318.304



95, 8.850, 318.375



76, 4.893, 333.208



39, 4.724, 318.397



32, 83.615, 320.011



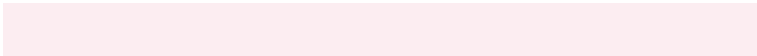
3, 21.796, 316.489

Inverse Universe

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



76, 3.533, 1.850



95, 5.680, 2.021



78, 4.872, 152.734



39, 3.034, 2.073



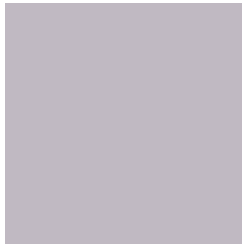
33, 64.517, 27.081



3, 14.350, 7.455

Previews

White Background



This preview shows how the CIELCh color 76, 5.519, 318.306 looks on a white background.

Color Contrast Check

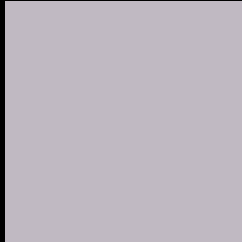
Large Text (above 18pt) WCAG AA × Fail

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, 5.519, 318.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

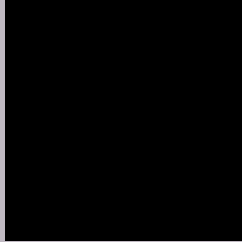
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

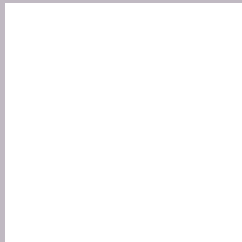
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 5.519, 318.306

Background



This preview shows how black text looks on a background with the CIELCh color 76, 5.519, 318.306.

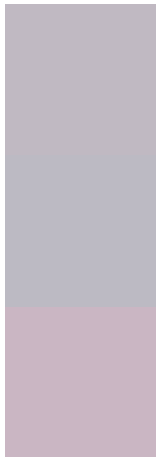


This preview shows how white text looks on a background with the CIELCh color 76, 5.519, 318.306.

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, 5.519, 318.306

Protanopia

76, 4.919, 299.147

Deuteranopia

76, 10.212, 337.055



Tritanopia
76, 8.765, 312.779

Trichromacy



Original Color
76, 5.519, 318.306

Protanomaly
76, 5.087, 307.298

Deuteranomaly
76, 8.542, 330.959

Tritanomaly
76, 7.779, 315.739

Monochromacy



Original Color
76, 5.519, 318.306

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.975, 324.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 5.519, 318.306 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(192, 185, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 185, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 5.519, 318.306 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, 194) }
```

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

```
.border{ border-color:rgb(192, 185, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 185, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 185, 194);  
box-shadow:4px 4px 4px 4px rgb(192, 185,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 5.519, 318.306 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, 194) }
```

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

```
.background{ background-color: rgb(192,  
185, 194) }
```

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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