

Converting Colors

CIELCh(76, 2.949, 206.609)

Have a look what the booklet for
CIELCh(76, 2.949, 206.609) contains.

CIELCh(76, 2.959, 209.846)	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, 2.959, 209.846)

Conversions

Conversions Part 1

Format	Color
Hex	B5BDBE
RGB	181, 189, 190
RGB Percent	71%, 74%, 75%
CMY	0.2905, 0.2591, 0.2552
CMYK	0.05, 0.01, 0.00, 0.26
HSL	187°, 6%, 73%
HSV	187°, 5%, 74%
XYZ	46.5016, 49.8872, 55.8457
YIQ	186.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

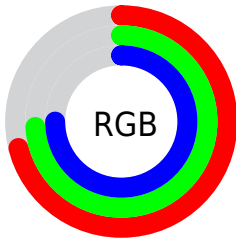
Format	Color
R_{YB}	181, 185, 190
Decimal	11910590
CIE _{Lab}	76.00, -2.57, -1.47
CIE _{LCh}	76, 2.959, 209.846
Yxy	49.8872, 0.3055, 0.3277
Android (android.graphics.Color)	4290100670 (0xFFB5DBE)
YUV	186.7220, 1.6161, -5.0182
Hunter-Lab	70.6309, -6.0841, 2.5629

Details

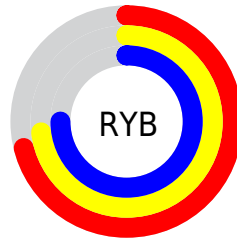
The CIELCh color $76, 2.959, 209.846$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 3.048, 29.616$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 2.826, 209.908$, and $56, 3.130, 209.780$ is the 20% darker color. If you saturate the color by 10%, you get $74, 8.966, 209.609$, and if you desaturate by 10%, it is $78, 3.357, 29.632$.

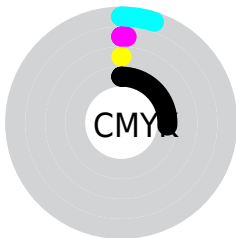
Distribution



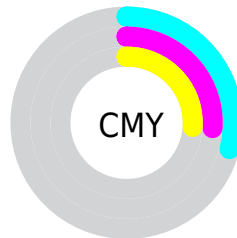
- Red (71%)
- Green (74%)
- Blue (75%)



- Red (71%)
- Yellow (73%)
- Blue (75%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (29%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 2.959, 209.846 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, 2.959, 209.846 by changing the saturation by 10% instead.

■ 76, 2.959, 209.846

■ 76, 2.959, 209.846

■ 100, 2.959,
209.846

■ 66, 2.959, 209.846

■ 96, 2.959, 209.846

■ 56, 2.959, 209.846

■ 46, 2.959, 209.846

■ 36, 2.959, 209.846

■ 26, 2.959, 209.846

■ 16, 2.959, 209.846

■ 6, 2.959, 209.846

■ 0, 2.959, 209.846

■ 76, 2.959, 209.846

■ 76, 2.959, 209.846

74, 8.966, 209.609

78, 3.357, 29.632

72, 14.571,
209.608

80, 9.906, 29.961

71, 19.678,
209.751

82, 16.621, 30.253

69, 24.185,
210.059

85, 22.708, 30.825

68, 27.996,
210.568

86, 21.663, 37.010

67, 31.035,
211.315

86, 21.245, 40.314

66, 33.255,
212.346

87, 20.902, 43.738

65, 34.660,
213.703

87, 20.638, 47.263

64, 35.314,
215.424

Harmonies

Complementary

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



76, 2.959, 209.846



75, 3.048, 29.616

Rectangle

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



76, 2.959, 209.846



76, 2.959, 259.846



76, 2.959, 29.846



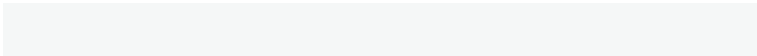
76, 2.959, 79.846

Sweetspot

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



76, 2.960, 209.811



97, 0.781, 210.516



76, 5.514, 147.044



52, 0.448, 210.561



99, 0.012, 296.813



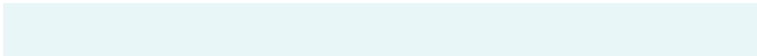
52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 2.960, 209.811



96, 4.630, 209.755



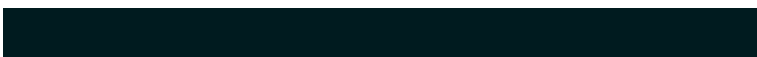
75, 3.182, 266.110



39, 2.454, 209.740



53, 31.017, 216.114



8, 10.111, 212.821

Inverse Universe

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



75, 5.490, 327.823



94, 8.623, 327.913



76, 3.183, 84.743



38, 4.578, 327.941



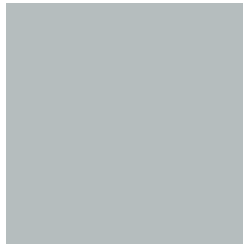
36, 74.199, 333.133



3, 19.263, 329.751

Previews

White Background



This preview shows how the CIELCh color 76, 2.959, 209.846 looks on a white background.

Color Contrast Check

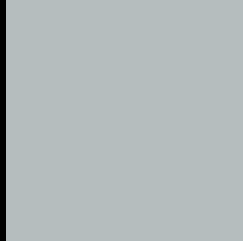
Large Text (above 18pt) WCAG AA × Fail

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, 2.959, 209.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

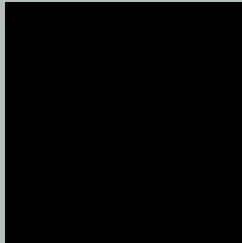
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

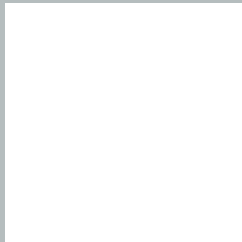
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 2.959, 209.846

Background



This preview shows how black text looks on a background with the CIELCh color 76, 2.959, 209.846.

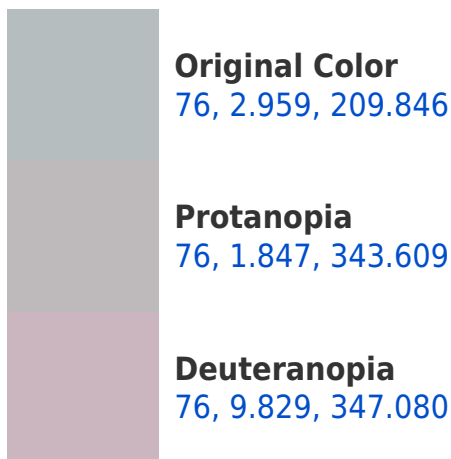


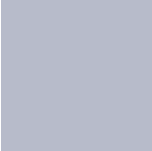
This preview shows how white text looks on a background with the CIELCh color 76, 2.959, 209.846.

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





Tritanopia
76, 8.179, 280.912

Trichromacy



Original Color
76, 2.959, 209.846

Protanomaly
76, 1.085, 290.335

Deuteranomaly
76, 5.578, 337.319

Tritanomaly
76, 5.762, 268.750

Monochromacy



Original Color
76, 2.959, 209.846

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.103, 199.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 2.959, 209.846 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(181, 189, 190)` looks like.

```
.text, #text, p{  
    color:rgb(181, 189, 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(181, 189, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 189, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 2.959, 209.846 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(181, 189, 190) }
```

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

```
.border{ border-color:rgb(181, 189, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 189, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 189, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 189, 190);  
box-shadow:4px 4px 4px 4px rgb(181, 189,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 2.959, 209.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 189, 190) }
```

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

```
.background{ background-color: rgb(181,  
189, 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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