

Converting Colors

CIELCh(76, 3.961, 171.178)

Have a look what the booklet for
CIELCh(76, 3.961, 171.178) contains.

CIELCh(76, 4.283, 169.054)	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, 4.283, 169.054)

Conversions

Conversions Part 1

Format	Color
Hex	B4BEBA
RGB	180, 190, 186
RGB Percent	71%, 75%, 73%
CMY	0.2953, 0.2561, 0.2718
CMYK	0.05, 0.00, 0.02, 0.26
HSL	156°, 7%, 72%
HSV	156°, 5%, 74%
XYZ	45.9238, 49.8872, 53.4875
YIQ	186.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

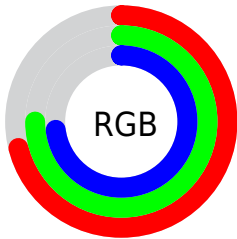
Format	Color
R_{YB}	180, 186, 190
Decimal	11845306
CIE Lab	76.00, -4.21, 0.81
CIE LCh	76, 4.283, 169.054
Yxy	49.8872, 0.3076, 0.3341
Android (android.graphics.Color)	4290035386 (0xFFB4BEBA)
YUV	186.5540, -0.2731, -5.7479
Hunter-Lab	70.6309, -7.5443, 4.5424

Details

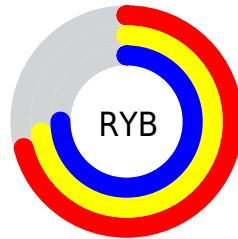
The CIELCh color $76, 4.283, 169.054$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 4.337, 349.771$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 4.080, 169.182$, and $56, 4.549, 168.863$ is the 20% darker color. If you saturate the color by 10%, you get $74, 12.384, 168.050$, and if you desaturate by 10%, it is $78, 3.853, 349.688$.

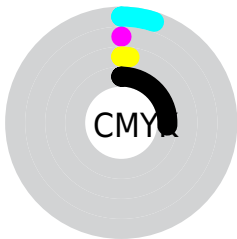
Distribution



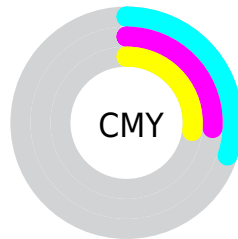
- Red (71%)
- Green (75%)
- Blue (73%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (30%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 4.283, 169.054 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, 4.283, 169.054 by changing the saturation by 10% instead.

■ 76, 4.283, 169.054

■ 76, 4.283, 169.054

■ 100, 4.283,
169.054

■ 66, 4.283, 169.054

■ 96, 4.283, 169.054

■ 56, 4.283, 169.054

■ 46, 4.283, 169.054

■ 36, 4.283, 169.054

■ 26, 4.283, 169.054

■ 16, 4.283, 169.054

■ 6, 4.283, 169.054

■ 0, 4.283, 169.054

■ 76, 4.283, 169.054

■ 76, 4.283, 169.054

74, 12.384,
168.050

78, 3.853, 349.688

73, 20.344,
167.022

79, 11.950,
350.556

72, 28.048,
165.896

81, 19.947,
351.312

71, 35.365,
164.646

83, 27.618,
351.775

70, 42.159,
163.247

84, 29.556,
344.889

69, 48.308,
161.675

84, 31.895,
338.983

69, 53.718,
159.907

84, 34.549,
333.987

68, 58.350,
157.930

84, 37.448,
329.789

68, 62.234,

85, 40.535,
326.264

155.751

Harmonies

Complementary

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



76, 4.283, 169.054



74, 4.337, 349.771

Rectangle

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



76, 4.283, 169.054



76, 4.283, 219.054



76, 4.283, 349.054



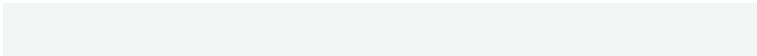
76, 4.283, 39.054

Sweetspot

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



76, 4.285, 169.043



97, 2.013, 169.485



76, 5.808, 131.732



52, 1.154, 169.508



99, 0.012, 296.813



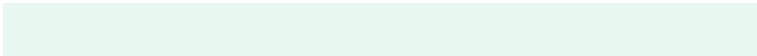
52, 0.007, 296.813

Same Dimension

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



76, 4.285, 169.043



96, 6.051, 168.956



76, 3.363, 206.975



39, 3.211, 168.910



57, 55.514, 155.062



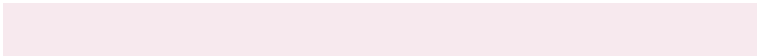
9, 15.438, 161.767

Inverse Universe

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



74, 4.337, 349.771



93, 6.132, 349.859



74, 3.477, 26.960



38, 3.256, 349.906



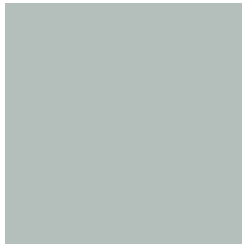
33, 59.261, 10.968



3, 13.293, 357.331

Previews

White Background



This preview shows how the CIELCh color 76, 4.283, 169.054 looks on a white background.

Color Contrast Check

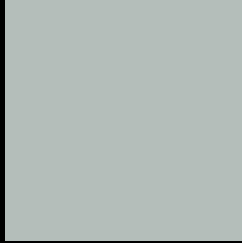
Large Text (above 18pt) WCAG AA × Fail

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, 4.283, 169.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

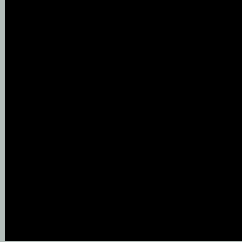
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

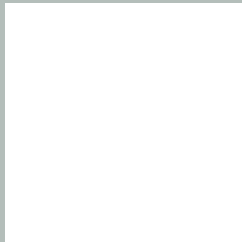
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 4.283, 169.054

Background



This preview shows how black text looks on a background with the CIELCh color 76, 4.283, 169.054.



This preview shows how white text looks on a background with the CIELCh color 76, 4.283, 169.054.

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

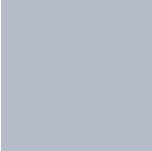
76, 4.283, 169.054

Protanopia

76, 2.143, 49.343

Deuteranopia

76, 9.595, 0.597



Tritanopia
76, 8.241, 278.481

Trichromacy



Original Color
76, 4.283, 169.054

Protanomaly
76, 1.066, 110.020

Deuteranomaly
76, 4.776, 359.984

Tritanomaly
76, 4.952, 260.002

Monochromacy



Original Color
76, 4.283, 169.054

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.234, 173.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 4.283, 169.054 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(180, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(180, 190, 186)  
}
```

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(180, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 190, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 4.283, 169.054 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(180, 190, 186) }
```

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

```
.border{ border-color:rgb(180, 190, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 190, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 190, 186);  
box-shadow:4px 4px 4px 4px rgb(180, 190,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 4.283, 169.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 190, 186) }
```

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

```
.background{ background-color: rgb(180,  
190, 186) }
```

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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