

Converting Colors

CIELCh(76, 7.833, 216.070)

Have a look what the booklet for
CIELCh(76, 7.833, 216.070) contains.

CIELCh(76, 7.862, 219.018)	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, 7.862, 219.018)

Conversions

Conversions Part 1

Format	Color
Hex	AABFC4
RGB	170, 191, 196
RGB Percent	67%, 75%, 77%
CMY	0.3327, 0.2503, 0.2307
CMYK	0.13, 0.03, 0.00, 0.23
HSL	192°, 18%, 72%
HSV	192°, 13%, 77%
XYZ	45.2587, 49.8872, 59.5640
YIQ	185.2910, -14.1210, -2.8970

Conversions

Conversions Part 2

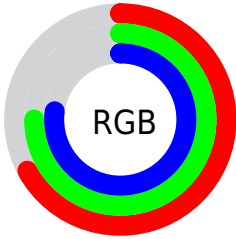
Format	Color
RYB	170, 182, 196
Decimal	11190212
CIELab	76.00, -6.11, -4.95
CIELCh	76, 7.862, 219.018
Yxy	49.8872, 0.2925, 0.3225
Android (android.graphics.Color)	4289380292 (0xFFAABFC4)
YUV	185.2910, 5.2795, -13.4102
Hunter-Lab	70.6309, -9.2252, -0.5584

Details

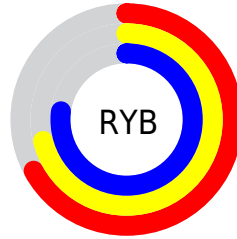
The CIELCh color **76, 7.862, 219.018** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 8.555, 38.339**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 8.026, 221.636**, and **56, 7.746, 216.018** is the 20% darker color. If you saturate the color by 10%, you get **74, 13.386, 219.426**, and if you desaturate by 10%, it is **78, 1.981, 218.914**.

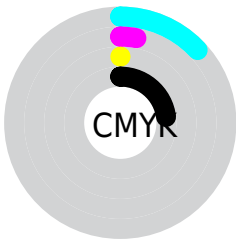
Distribution



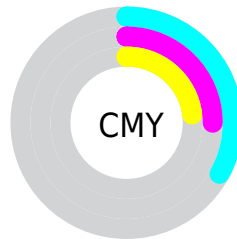
- Red (67%)
- Green (75%)
- Blue (77%)



- Red (67%)
- Yellow (71%)
- Blue (77%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 7.862, 219.018 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, 7.862, 219.018 by changing the saturation by 10% instead.

■ 76, 7.862, 219.018

■ 76, 7.862, 219.018

■ 100, 7.862,
219.018

■ 66, 7.862, 219.018

■ 96, 7.862, 219.018

■ 56, 7.862, 219.018

■ 46, 7.862, 219.018

■ 36, 7.862, 219.018

■ 26, 7.862, 219.018

■ 16, 7.862, 219.018

■ 6, 7.862, 219.018

■ 0, 7.862, 219.018

■ 76, 7.862, 219.018

■ 76, 7.862, 219.018

74, 13.386,
219.426

78, 1.981, 218.914

72, 18.465,
220.062

81, 4.179, 38.340

69, 23.005,
220.953

84, 10.549, 38.337

68, 26.919,
222.158

88, 18.773, 42.937

66, 30.132,
223.749

89, 18.352, 50.048

64, 32.605,
225.806

89, 18.231, 57.365

63, 34.346,
228.409

90, 18.413, 64.646

61, 35.434,
231.619

91, 18.889, 71.655

60, 35.951,

Harmonies

Complementary

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



76, 7.862, 219.018



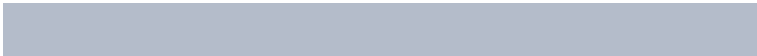
73, 8.555, 38.339

Rectangle

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



76, 7.862, 219.018



76, 7.862, 269.018



76, 7.862, 39.018



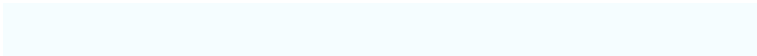
76, 7.862, 89.018

Sweetspot

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



76, 7.862, 219.005



99, 3.005, 218.879



77, 15.017, 149.100



53, 2.131, 218.864



0, 0.000, 0.000



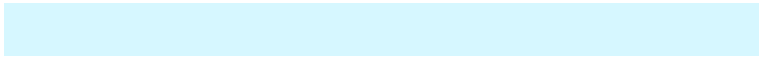
53, 0.007, 296.813

Same Dimension

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



76, 7.862, 219.005



95, 11.644, 219.110



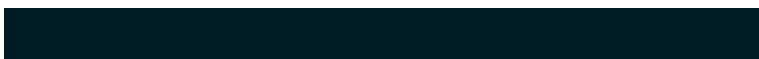
73, 10.027, 274.214



40, 3.364, 218.902



50, 30.971, 233.423



8, 10.420, 225.878

Inverse Universe

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



72, 14.969, 331.056



90, 22.388, 331.250



76, 10.022, 90.781



38, 6.324, 330.803



36, 70.566, 337.565



4, 20.182, 334.150

Previews

White Background



This preview shows how the CIELCh color 76, 7.862, 219.018 looks on a white background.

Color Contrast Check

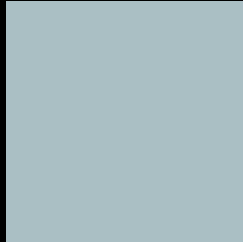
Large Text (above 18pt) WCAG AA × Fail

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, 7.862, 219.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

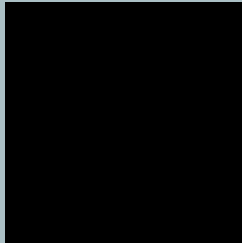
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

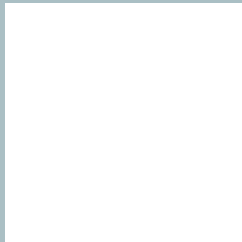
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 7.862, 219.018

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.862, 219.018.



This preview shows how white text looks on a background with the CIELCh color 76, 7.862, 219.018.

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, 7.862, 219.018

Protanopia

76, 3.948, 306.681

Deuteranopia

76, 10.902, 328.106



Tritanopia
76, 10.091, 252.491

Trichromacy



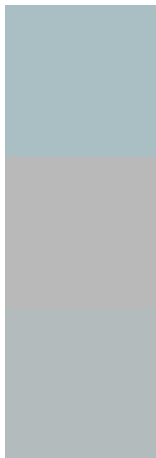
Original Color
76, 7.862, 219.018

Protanomaly
76, 3.864, 256.288

Deuteranomaly
76, 6.655, 303.372

Tritanomaly
76, 9.156, 244.123

Monochromacy



Original Color
76, 7.862, 219.018

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.759, 222.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 7.862, 219.018 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(170, 191, 196)` looks like.

```
.text, #text, p{  
    color:rgb(170, 191, 196)  
}
```

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(170, 191, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 191, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.862, 219.018 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(170, 191, 196) }
```

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

```
.border{ border-color:rgb(170, 191, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 191, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 191, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 191, 196);  
box-shadow:4px 4px 4px 4px rgb(170, 191,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.862, 219.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 191, 196) }
```

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

```
.background{ background-color: rgb(170,  
191, 196) }
```

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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