

Converting Colors

CIELCh(76, 6.264, 216.684)

Have a look what the booklet for
CIELCh(76, 6.264, 216.684) contains.

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Color

CIELCh(76, 6.082, 219.861)

Conversions

Conversions Part 1

Format	Color
Hex	AEBEC2
RGB	174, 190, 194
RGB Percent	68%, 75%, 76%
CMY	0.3166, 0.2538, 0.2381
CMYK	0.10, 0.02, 0.00, 0.24
HSL	192°, 14%, 72%
HSV	192°, 10%, 76%
XYZ	45.7613, 49.8872, 58.4226
YIQ	185.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

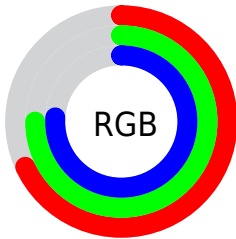
Format	Color
RYB	174, 183, 194
Decimal	11452098
CIELab	76.00, -4.67, -3.90
CIELCh	76, 6.082, 219.861
Yxy	49.8872, 0.2970, 0.3238
Android (android.graphics.Color)	4289642178 (0xFFFAEBEC2)
YUV	185.6720, 4.1057, -10.2363
Hunter-Lab	70.6309, -7.9551, 0.3997

Details

The CIELCh color $76, 6.082, 219.861$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 6.484, 39.192$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 5.831, 219.809$, and $56, 6.242, 214.921$ is the 20% darker color. If you saturate the color by 10%, you get $74, 11.658, 220.243$, and if you desaturate by 10%, it is $78, 0.181, 222.395$.

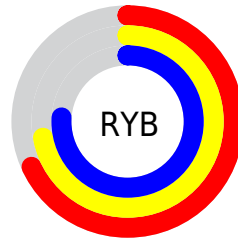
Distribution



Red (68%)

Green (75%)

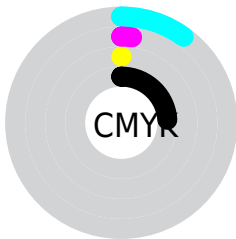
Blue (76%)



Red (68%)

Yellow (72%)

Blue (76%)

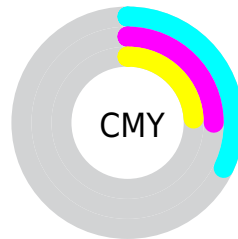


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (24%)



Cyan (32%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 6.082, 219.861 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, 6.082, 219.861 by changing the saturation by 10% instead.

■ 76, 6.082, 219.861

■ 76, 6.082, 219.861

■ 100, 6.082,
219.861

■ 66, 6.082, 219.861

■ 96, 6.082, 219.861

■ 56, 6.082, 219.861

■ 46, 6.082, 219.861

■ 36, 6.082, 219.861

■ 26, 6.082, 219.861

■ 16, 6.082, 219.861

■ 6, 6.082, 219.861

■ 0, 6.082, 219.861

■ 76, 6.082, 219.861

■ 76, 6.082, 219.861

74, 11.658,
220.243

78, 0.181, 222.395

71, 16.823,
220.859

81, 5.972, 39.199

69, 21.490,
221.723

84, 12.313, 39.157

67, 25.568,
222.892

88, 19.275, 44.931

65, 28.981,
224.437

88, 18.923, 52.086

64, 31.679,
226.438

89, 18.881, 59.381

62, 33.656,
228.979

90, 19.150, 66.577

61, 34.970,
232.128

91, 19.715, 73.449

59, 35.816,

235.686

Harmonies

Complementary

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



76, 6.082, 219.861



74, 6.484, 39.192

Rectangle

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



76, 6.082, 219.861



76, 6.082, 269.861



76, 6.082, 39.861



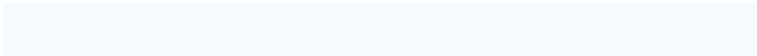
76, 6.082, 89.861

Sweetspot

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



76, 6.082, 219.844



98, 2.232, 219.822



77, 11.554, 149.316



53, 1.702, 219.783



0, 0.000, 0.000



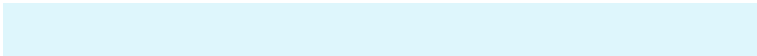
53, 0.007, 296.813

Same Dimension

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



76, 6.082, 219.844



95, 8.725, 219.901



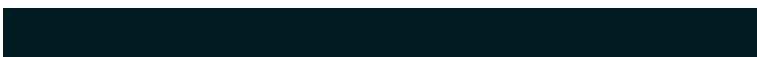
73, 7.709, 273.795



40, 3.350, 219.819



50, 31.068, 235.078



8, 10.390, 227.329

Inverse Universe

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



73, 11.453, 331.134



92, 16.530, 331.257



76, 7.699, 91.146



38, 6.289, 331.072



36, 70.168, 338.020



4, 20.034, 334.543

Previews

White Background



This preview shows how the CIELCh color 76, 6.082, 219.861 looks on a white background.

Color Contrast Check

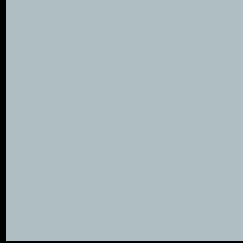
Large Text (above 18pt) WCAG AA × Fail

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, 6.082, 219.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

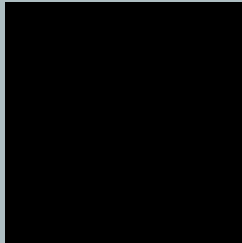
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

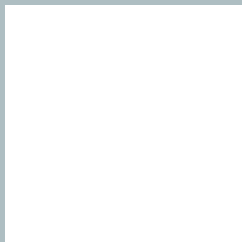
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 6.082, 219.861

Background



This preview shows how black text looks on a background with the CIELCh color 76, 6.082, 219.861.

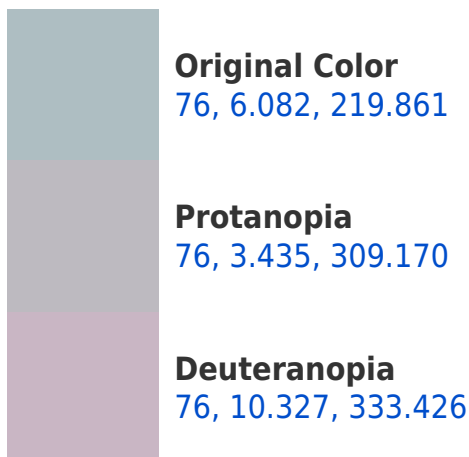


This preview shows how white text looks on a background with the CIELCh color 76, 6.082, 219.861.

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, 9.180, 261.105

Trichromacy



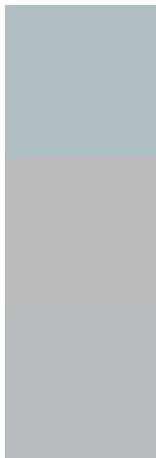
Original Color
76, 6.082, 219.861

Protanomaly
76, 3.042, 261.883

Deuteranomaly
76, 5.849, 312.669

Tritanomaly
76, 7.634, 250.255

Monochromacy



Original Color
76, 6.082, 219.861

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.254, 213.304

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 6.082, 219.861 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(174, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(174, 190, 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(174, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 190, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 6.082, 219.861 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(174, 190, 194) }
```

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

```
.border{ border-color:rgb(174, 190, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 190, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 190, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 190, 194);  
box-shadow:4px 4px 4px 4px rgb(174, 190,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 6.082, 219.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 190, 194) }
```

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

```
.background{ background-color: rgb(174,  
190, 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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