

Converting Colors

CIELCh(76, 8.455, 249.058)

Have a look what the booklet for
CIELCh(76, 8.455, 249.058) contains.

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Color

CIELCh(76, 8.462, 249.067)

Conversions

Conversions Part 1

Format	Color
Hex	AEBECA
RGB	174, 190, 202
RGB Percent	68%, 75%, 79%
CMY	0.3190, 0.2562, 0.2092
CMYK	0.14, 0.06, 0.00, 0.21
HSL	206°, 21%, 74%
HSV	206°, 14%, 79%
XYZ	46.3401, 49.8872, 62.8495
YIQ	186.5840, -13.3880, 0.3400

Conversions

Conversions Part 2

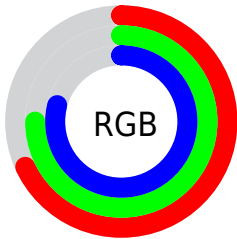
Format	Color
RYB	174, 184, 202
Decimal	11452106
CIELab	76.00, -3.02, -7.90
CIELCh	76, 8.462, 249.067
Yxy	49.8872, 0.2913, 0.3136
Android (android.graphics.Color)	4289642186 (0xFFAEBECA)
YUV	186.5840, 7.6001, -11.0362
Hunter-Lab	70.6309, -6.4924, -3.3164

Details

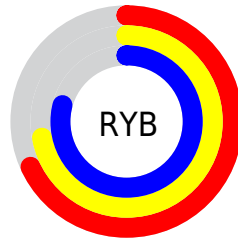
The CIELCh color $76, 8.462, 249.067$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 8.904, 65.743$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 7.066, 240.063$, and $56, 8.497, 247.014$ is the 20% darker color. If you saturate the color by 10%, you get $72, 14.373, 250.569$, and if you desaturate by 10%, it is $80, 2.394, 247.909$.

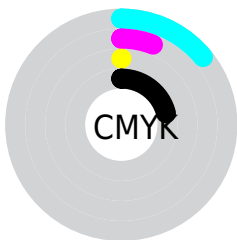
Distribution



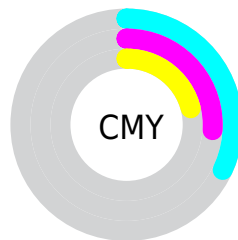
- Red (68%)
- Green (75%)
- Blue (79%)



- Red (68%)
- Yellow (72%)
- Blue (79%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (32%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 8.462, 249.067 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, 8.462, 249.067 by changing the saturation by 10% instead.

■ 76, 8.462, 249.067

■ 76, 8.462, 249.067

■ 100, 8.462,
249.067

■ 66, 8.462, 249.067

■ 96, 8.462, 249.067

■ 56, 8.462, 249.067

■ 46, 8.462, 249.067

■ 36, 8.462, 249.067

■ 26, 8.462, 249.067

■ 16, 8.462, 249.067

■ 6, 8.462, 249.067

■ 0, 8.462, 249.067

■ 76, 8.462, 249.067

■ 76, 8.462, 249.067

72, 14.373,
250.569

80, 2.394, 247.909

69, 20.088,
252.415

84, 3.790, 66.554

65, 25.570,
254.652

87, 10.058, 65.730

62, 30.795,
257.352

91, 16.378, 64.988

58, 35.761,
260.578

93, 18.119, 81.291

55, 40.505,
264.369

95, 20.961, 94.476

52, 45.108,
268.706

98, 24.622,
104.020

49, 49.697,
273.480

99, 26.907,
108.135

48, 52.588,

276.416

Harmonies

Complementary

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



76, 8.462, 249.067



76, 8.904, 65.743

Rectangle

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



76, 8.462, 249.067



76, 8.462, 299.067



76, 8.462, 69.067



76, 8.462, 119.067

Sweetspot

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



76, 8.461, 249.056



98, 2.985, 247.922



79, 13.529, 158.343



52, 2.119, 247.984



0, 0.000, 0.000



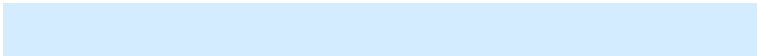
53, 0.007, 296.813

Same Dimension

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



76, 8.461, 249.056



92, 12.487, 249.529



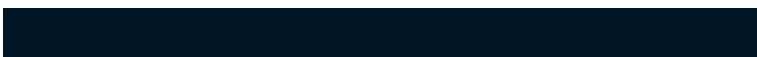
72, 13.974, 288.172



41, 3.509, 248.480



39, 44.906, 275.663



6, 13.838, 263.753

Inverse Universe

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



74, 13.579, 341.057



89, 20.178, 341.348



80, 13.616, 105.165



40, 5.578, 340.676



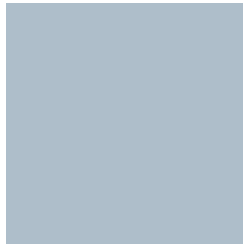
36, 62.654, 355.086



4, 20.734, 348.981

Previews

White Background



This preview shows how the CIELCh color 76, 8.462, 249.067 looks on a white background.

Color Contrast Check

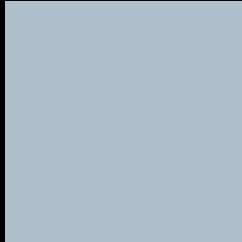
Large Text (above 18pt) WCAG AA × Fail

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, 8.462, 249.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

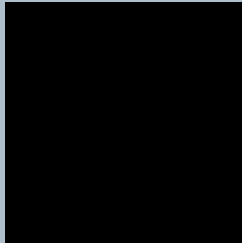
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

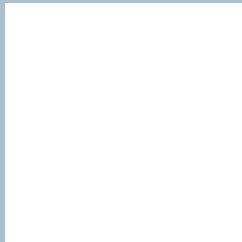
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 8.462, 249.067

Background



This preview shows how black text looks on a background with the CIELCh color 76, 8.462, 249.067.



This preview shows how white text looks on a background with the CIELCh color 76, 8.462, 249.067.

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, 8.462, 249.067

Protanopia

76, 7.024, 293.778

Deuteranopia

76, 12.777, 318.087



Tritanopia
76, 9.524, 257.453

Trichromacy



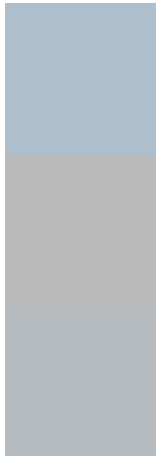
Original Color
76, 8.462, 249.067

Protanomaly
76, 7.196, 276.472

Deuteranomaly
76, 9.834, 299.448

Tritanomaly
76, 9.088, 255.472

Monochromacy



Original Color
76, 8.462, 249.067

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.228, 256.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 8.462, 249.067 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(174, 190, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 190, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 8.462, 249.067 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, 202) }
```

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

```
.border{ border-color:rgb(174, 190, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 190, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 190, 202);  
box-shadow:4px 4px 4px 4px rgb(174, 190,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 8.462, 249.067 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, 202) }
```

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

```
.background{ background-color: rgb(174,  
190, 202) }
```

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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