

Converting Colors

CIELCh(76, 7.263, 243.249)

Have a look what the booklet for
CIELCh(76, 7.263, 243.249) contains.

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Color

CIELCh(76, 7.113, 242.191)

Conversions

Conversions Part 1

Format	Color
Hex	AFBEC7
RGB	175, 190, 199
RGB Percent	69%, 75%, 78%
CMY	0.3149, 0.2561, 0.2208
CMYK	0.12, 0.05, 0.00, 0.22
HSL	202°, 18%, 73%
HSV	202°, 12%, 78%
XYZ	46.2359, 49.8872, 61.0419
YIQ	186.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

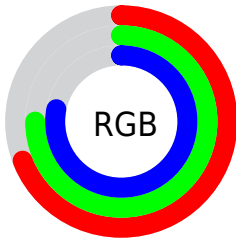
Format	Color
R_YB	175, 184, 199
Decimal	11517639
CIE Lab	76.00, -3.32, -6.29
CIE LCh	76, 7.113, 242.191
Yxy	49.8872, 0.2942, 0.3174
Android (android.graphics.Color)	4289707719 (0xFFAFBEC7)
YUV	186.5410, 6.1423, -10.1215
Hunter-Lab	70.6309, -6.7557, -1.7991

Details

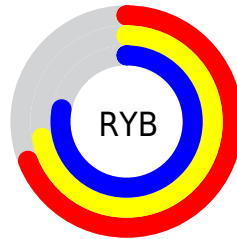
The CIELCh color `76, 7.113, 242.191` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 7.505, 59.649`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 6.816, 241.915`, and `56, 7.128, 239.102` is the 20% darker color. If you saturate the color by 10%, you get `73, 12.778, 243.473`, and if you desaturate by 10%, it is `79, 1.244, 241.398`.

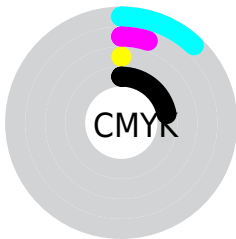
Distribution



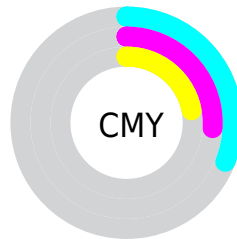
- Red (69%)
- Green (75%)
- Blue (78%)



- Red (69%)
- Yellow (72%)
- Blue (78%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 7.113, 242.191 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, 7.113, 242.191 by changing the saturation by 10% instead.

■ 76, 7.113, 242.191

■ 76, 7.113, 242.191

■ 100, 7.113,
242.191

■ 66, 7.113, 242.191

■ 96, 7.113, 242.191

■ 56, 7.113, 242.191

■ 46, 7.113, 242.191

■ 36, 7.113, 242.191

■ 26, 7.113, 242.191

■ 16, 7.113, 242.191

■ 6, 7.113, 242.191

■ 0, 7.113, 242.191

■ 76, 7.113, 242.191

■ 76, 7.113, 242.191

73, 12.778,
243.473

79, 1.244, 241.398

69, 18.188,
245.090

83, 4.781, 60.043

66, 23.293,
247.084

86, 10.920, 59.362

63, 28.050,
249.531

92, 18.126, 72.836

60, 32.437,
252.512

94, 19.942, 85.552

57, 36.466,
256.091

95, 22.559, 95.651

55, 40.202,
260.292

97, 25.719,
103.379

52, 43.766,
265.058

99, 28.383,
108.021

50, 46.615,

Harmonies

Complementary

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



76, 7.113, 242.191



76, 7.505, 59.649

Rectangle

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



76, 7.113, 242.191



76, 7.113, 292.191



76, 7.113, 62.191



76, 7.113, 112.191

Sweetspot

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



76, 7.113, 242.177



98, 2.923, 241.416



78, 12.067, 156.232



52, 2.074, 241.465



0, 0.000, 0.000



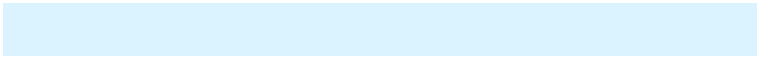
53, 0.007, 296.813

Same Dimension

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



76, 7.113, 242.177



94, 10.062, 242.427



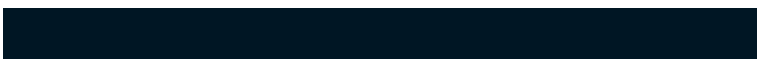
73, 11.335, 285.535



40, 3.357, 241.881



41, 39.862, 268.204



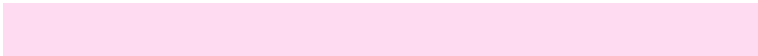
6, 12.147, 256.457

Inverse Universe

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



74, 12.096, 338.344



91, 17.202, 338.515



79, 11.119, 102.830



39, 5.672, 338.129



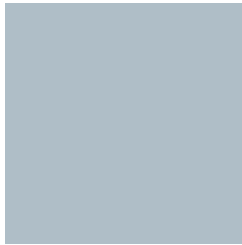
36, 63.440, 350.480



4, 19.370, 345.222

Previews

White Background



This preview shows how the CIELCh color 76, 7.113, 242.191 looks on a white background.

Color Contrast Check

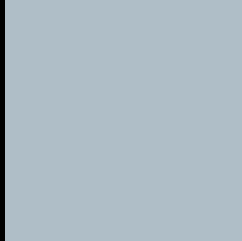
Large Text (above 18pt) WCAG AA × Fail

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, 7.113, 242.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

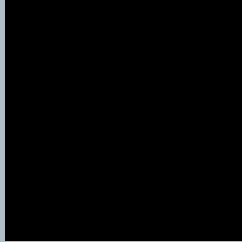
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

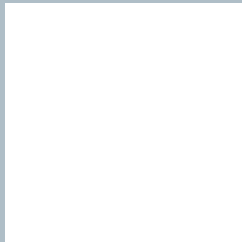
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 7.113, 242.191

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.113, 242.191.

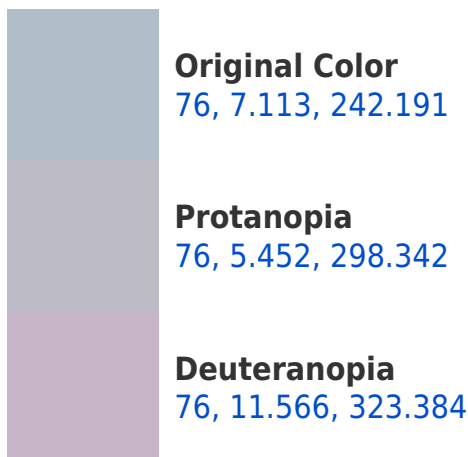


This preview shows how white text looks on a background with the CIELCh color 76, 7.113, 242.191.

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



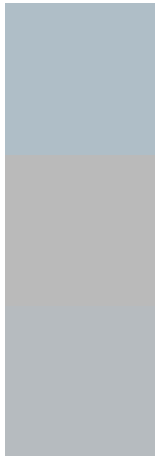
Original Color
76, 7.113, 242.191

Protanomaly
76, 5.554, 275.665

Deuteranomaly
76, 8.314, 303.455

Tritanomaly
76, 8.277, 257.181

Monochromacy



Original Color
76, 7.113, 242.191

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.803, 249.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 7.113, 242.191 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(175, 190, 199)` looks like.

```
.text, #text, p{  
    color:rgb(175, 190, 199)  
}
```

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(175, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 190, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.113, 242.191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

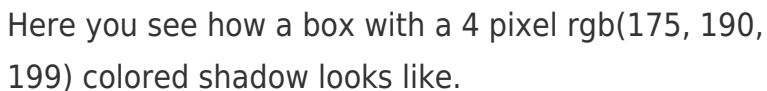
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 190, 199) }
```

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

```
.border{ border-color:rgb(175, 190, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 190, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 190, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 190, 199); box-shadow:4px 4px 4px 4px rgb(175, 190, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.113, 242.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 190, 199) }
```

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

```
.background{ background-color: rgb(175,  
190, 199) }
```

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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