

Converting Colors

CIELCh(76, 7.347, 251.364)

Have a look what the booklet for
CIELCh(76, 7.347, 251.364) contains.

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Color

CIELCh(76, 7.421, 252.347)

Conversions

Conversions Part 1

Format	Color
Hex	B0BDC8
RGB	176, 189, 200
RGB Percent	69%, 74%, 78%
CMY	0.3092, 0.2582, 0.2151
CMYK	0.12, 0.05, 0.00, 0.22
HSL	207°, 18%, 74%
HSV	207°, 12%, 78%
XYZ	46.6136, 49.8872, 61.9123
YIQ	186.3670, -11.2790, 0.6650

Conversions

Conversions Part 2

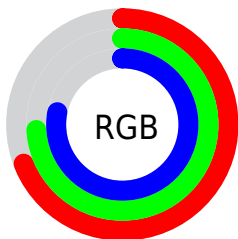
Format	Color
RYB	176, 184, 200
Decimal	11582920
CIELab	76.00, -2.25, -7.07
CIELCh	76, 7.421, 252.347
Yxy	49.8872, 0.2943, 0.3149
Android (android.graphics.Color)	4289773000 (0xFFB0BDC8)
YUV	186.3670, 6.7211, -9.0919
Hunter-Lab	70.6309, -5.8010, -2.5296

Details

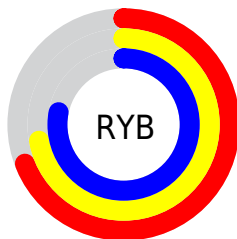
The CIELCh color `76, 7.421, 252.347` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 7.703, 69.331`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 6.712, 249.205`, and `56, 7.396, 250.028` is the 20% darker color. If you saturate the color by 10%, you get `72, 13.479, 253.849`, and if you desaturate by 10%, it is `80, 1.247, 251.312`.

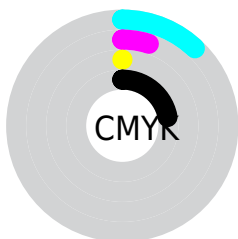
Distribution



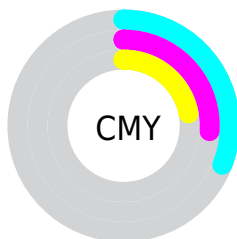
- Red (69%)
- Green (74%)
- Blue (78%)



- 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, 7.421, 252.347 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, 7.421, 252.347 by changing the saturation by 10% instead.

■ 76, 7.421, 252.347

■ 76, 7.421, 252.347

■ 100, 7.421,
252.347

■ 66, 7.421, 252.347

■ 96, 7.421, 252.347

■ 56, 7.421, 252.347

■ 46, 7.421, 252.347

■ 36, 7.421, 252.347

■ 26, 7.421, 252.347

■ 16, 7.421, 252.347

■ 6, 7.421, 252.347

■ 0, 7.421, 252.347

■ 76, 7.421, 252.347

■ 76, 7.421, 252.347

72, 13.479,
253.849

80, 1.247, 251.312

68, 19.389,
255.686

84, 5.007, 69.824

65, 25.121,
257.897

88, 11.316, 68.947

61, 30.655,
260.548

94, 19.437, 85.764

58, 35.992,
263.697

96, 22.777, 98.067

54, 41.166,
267.380

98, 26.871,
106.809

51, 46.252,
271.578

99, 27.655,
108.077

48, 51.362,
276.188

46, 55.577,

279.935

Harmonies

Complementary

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



76, 7.421, 252.347



77, 7.703, 69.331

Rectangle

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



76, 7.421, 252.347



76, 7.421, 302.347



76, 7.421, 72.347



76, 7.421, 122.347

Sweetspot

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



76, 7.420, 252.334



98, 3.036, 251.397



79, 11.330, 160.116



52, 2.155, 251.466



0, 0.000, 0.000



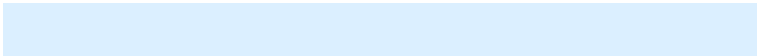
53, 0.007, 296.813

Same Dimension

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



76, 7.420, 252.334



93, 10.523, 252.642



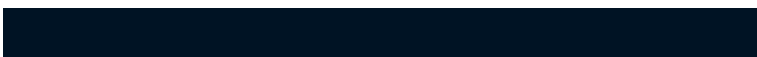
73, 12.396, 289.411



40, 3.499, 251.990



37, 47.109, 279.169



5, 13.353, 266.394

Inverse Universe

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



74, 11.406, 342.402



91, 16.244, 342.598



80, 12.094, 106.903



39, 5.351, 342.172



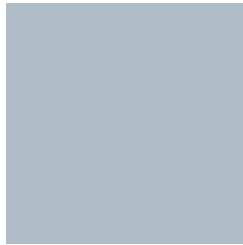
35, 61.335, 357.701



4, 18.297, 350.415

Previews

White Background



This preview shows how the CIELCh color 76, 7.421, 252.347 looks on a white background.

Color Contrast Check

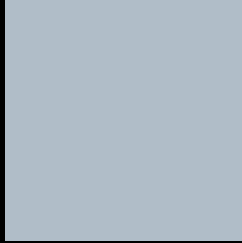
Large Text (above 18pt) WCAG AA × Fail

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, 7.421, 252.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

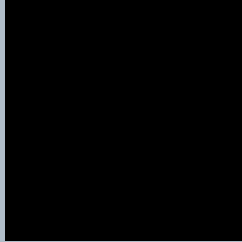
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

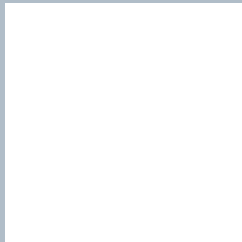
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 7.421, 252.347

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.421, 252.347.

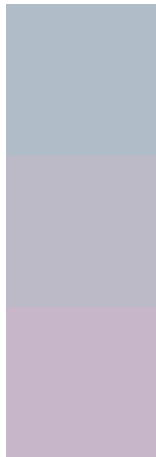


This preview shows how white text looks on a background with the CIELCh color 76, 7.421, 252.347.

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, 7.421, 252.347

Protanopia

76, 6.486, 293.980

Deuteranopia

76, 12.480, 320.721



Tritanopia
76, 9.021, 263.039

Trichromacy



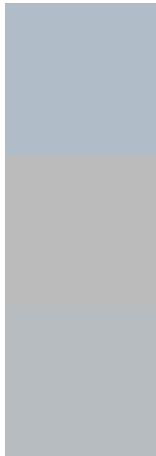
Original Color
76, 7.421, 252.347

Protanomaly
76, 6.598, 278.241

Deuteranomaly
76, 8.924, 304.992

Tritanomaly
76, 8.555, 261.250

Monochromacy



Original Color
76, 7.421, 252.347

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.800, 249.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 7.421, 252.347 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(176, 189, 200)` looks like.

```
.text, #text, p{  
    color:rgb(176, 189, 200)  
}
```

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(176, 189, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 189, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.421, 252.347 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(176, 189, 200) }
```

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

```
.border{ border-color:rgb(176, 189, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 189, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 189, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 189, 200); box-shadow:4px 4px 4px 4px rgb(176, 189, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.421, 252.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 189, 200) }
```

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

```
.background{ background-color: rgb(176,  
189, 200) }
```

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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