

Converting Colors

CIELCh(76, 8.007, 232.688)

Have a look what the booklet for
CIELCh(76, 8.007, 232.688) contains.

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Color

CIELCh(76, 8.175, 230.877)

Conversions

Conversions Part 1

Format	Color
Hex	ABBFC7
RGB	171, 191, 199
RGB Percent	67%, 75%, 78%
CMY	0.3304, 0.2520, 0.2206
CMYK	0.14, 0.04, 0.00, 0.22
HSL	197°, 20%, 72%
HSV	197°, 14%, 78%
XYZ	45.5899, 49.8872, 61.0982
YIQ	185.9320, -14.4880, -1.7520

Conversions

Conversions Part 2

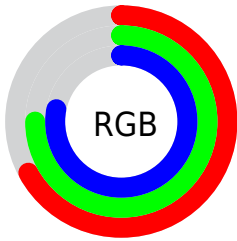
Format	Color
R_{YB}	171, 183, 199
Decimal	11255751
CIE _{Lab}	76.00, -5.16, -6.34
CIE _{LCh}	76, 8.175, 230.877
Yxy	49.8872, 0.2912, 0.3186
Android (android.graphics.Color)	4289445831 (0xFFABBFC7)
YUV	185.9320, 6.4425, -13.0954
Hunter-Lab	70.6309, -8.3882, -1.8463

Details

The CIELCh color $76, 8.175, 230.877$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 8.857, 48.916$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 7.855, 230.648$, and $56, 7.997, 229.012$ is the 20% darker color. If you saturate the color by 10%, you get $73, 13.626, 231.825$, and if you desaturate by 10%, it is $79, 2.424, 230.246$.

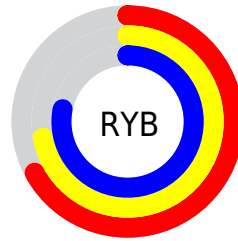
Distribution



Red (67%)

Green (75%)

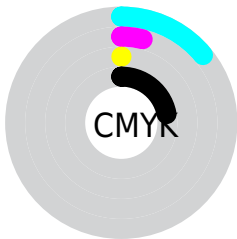
Blue (78%)



Red (67%)

Yellow (72%)

Blue (78%)

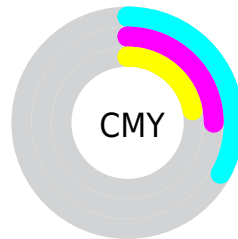


Cyan (14%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (33%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 8.175, 230.877 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, 8.175, 230.877 by changing the saturation by 10% instead.

■ 76, 8.175, 230.877

■ 76, 8.175, 230.877

■ 100, 8.175,
230.877

■ 66, 8.175, 230.877

■ 96, 8.175, 230.877

■ 56, 8.175, 230.877

■ 46, 8.175, 230.877

■ 36, 8.175, 230.877

■ 26, 8.175, 230.877

■ 16, 8.175, 230.877

■ 6, 8.175, 230.877

■ 0, 8.175, 230.877

■ 76, 8.175, 230.877

■ 76, 8.175, 230.877

73, 13.626,
231.825

79, 2.424, 230.246

70, 18.705,
233.077

82, 3.561, 49.297

68, 23.340,
234.681

85, 9.725, 48.927

65, 27.464,
236.717

90, 17.370, 57.302

63, 31.031,
239.275

91, 17.777, 68.697

61, 34.032,
242.446

93, 18.850, 79.143

59, 36.518,
246.293

94, 20.478, 88.147

57, 38.609,
250.820

95, 22.533, 95.618

56, 39.791,

253.658

Harmonies

Complementary

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



76, 8.175, 230.877



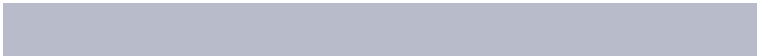
74, 8.857, 48.916

Rectangle

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



76, 8.175, 230.877



76, 8.175, 280.877



76, 8.175, 50.877



76, 8.175, 100.877

Sweetspot

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



76, 8.175, 230.865



99, 2.906, 230.245



78, 14.991, 152.640



52, 2.062, 230.264



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, 8.175, 230.865



94, 11.988, 231.139



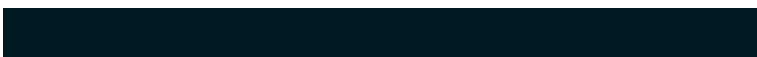
72, 12.077, 281.156



40, 3.328, 230.510



46, 34.176, 252.872



8, 11.281, 242.198

Inverse Universe

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



73, 15.053, 334.644



89, 22.282, 334.873



78, 11.912, 97.750



39, 6.045, 334.306



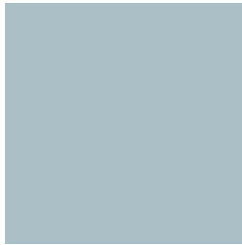
36, 66.839, 343.647



4, 20.820, 339.703

Previews

White Background



This preview shows how the CIELCh color 76, 8.175, 230.877 looks on a white background.

Color Contrast Check

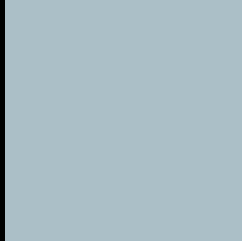
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 76, 8.175, 230.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

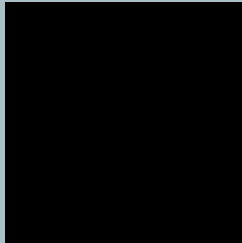
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

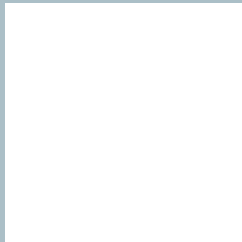
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 8.175, 230.877

Background



This preview shows how black text looks on a background with the CIELCh color 76, 8.175, 230.877.

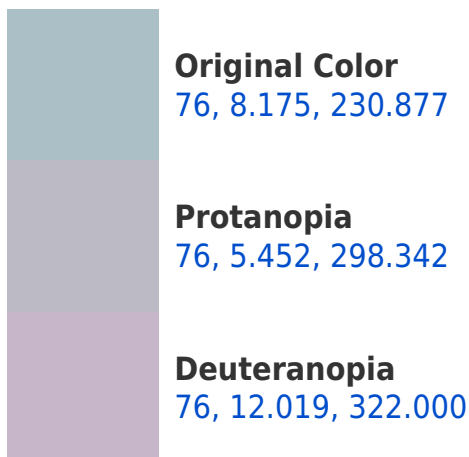


This preview shows how white text looks on a background with the CIELCh color 76, 8.175, 230.877.

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, 10.091, 252.491

Trichromacy



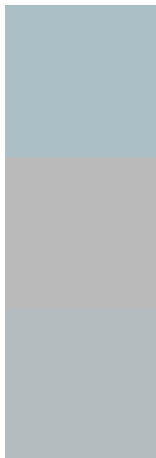
Original Color
76, 8.175, 230.877

Protanomaly
76, 5.269, 266.469

Deuteranomaly
76, 8.240, 301.003

Tritanomaly
76, 9.295, 248.137

Monochromacy



Original Color
76, 8.175, 230.877

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.304, 228.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 8.175, 230.877 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(171, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(171, 191, 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(171, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 191, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 8.175, 230.877 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(171, 191, 199) }
```

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

```
.border{ border-color:rgb(171, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(171, 191,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 8.175, 230.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 191, 199) }
```

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

```
.background{ background-color: rgb(171,  
191, 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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