

Converting Colors

CIELCh(76, 7.435, 278.704)

Have a look what the booklet for
CIELCh(76, 7.435, 278.704) contains.

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Color

CIELCh(76, 7.650, 280.137)

Conversions

Conversions Part 1

Format	Color
Hex	B7BBC9
RGB	183, 187, 201
RGB Percent	72%, 73%, 79%
CMY	0.2819, 0.2662, 0.2113
CMYK	0.09, 0.07, 0.00, 0.21
HSL	227°, 14%, 75%
HSV	227°, 9%, 79%
XYZ	47.9010, 49.8872, 62.4282
YIQ	187.4000, -6.8780, 3.5060

Conversions

Conversions Part 2

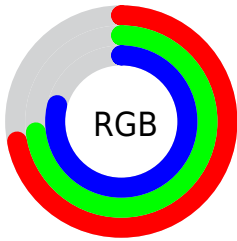
Format	Color
RYB	183, 186, 201
Decimal	12041161
CIELab	76.00, 1.35, -7.53
CIELCh	76, 7.650, 280.137
Yxy	49.8872, 0.2990, 0.3114
Android (android.graphics.Color)	4290231241 (0xFFB7BBC9)
YUV	187.4000, 6.7048, -3.8588
Hunter-Lab	70.6309, -2.5477, -2.9628

Details

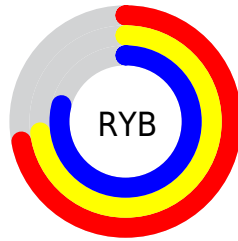
The CIELCh color $76, 7.650, 280.137$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 7.576, 97.978$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.286, 278.034$, and $56, 7.565, 279.619$ is the 20% darker color. If you saturate the color by 10%, you get $70, 16.406, 281.510$, and if you desaturate by 10%, it is $82, 0.874, 98.713$.

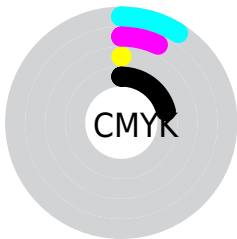
Distribution



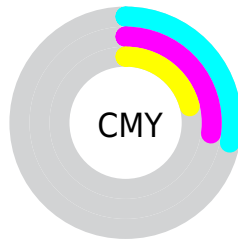
- Red (72%)
- Green (73%)
- Blue (79%)



- Red (72%)
- Yellow (73%)
- Blue (79%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (27%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 7.650, 280.137 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, 7.650, 280.137 by changing the saturation by 10% instead.

 76, 7.650, 280.137

 76, 7.650, 280.137

 100, 7.650,
280.137

 66, 7.650, 280.137

 96, 7.650, 280.137

 56, 7.650, 280.137

 46, 7.650, 280.137

 36, 7.650, 280.137

 26, 7.650, 280.137

 16, 7.650, 280.137

 6, 7.650, 280.137

 0, 7.650, 280.137

 76, 7.650, 280.137

 76, 7.650, 280.137

70, 16.406,
281.510

82, 0.874, 98.713

65, 25.415,
283.136

87, 9.176, 97.856

59, 34.701,
285.036

93, 17.267, 96.969

54, 44.292,
287.245

97, 24.679,
103.599

48, 54.214,
289.779

99, 27.181,
108.114

43, 64.463,
292.615

38, 74.937,
295.664

34, 85.322,
298.748

30, 94.986,

Harmonies

Complementary

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



76, 7.650, 280.137



80, 7.576, 97.978

Rectangle

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



76, 7.650, 280.137



76, 7.650, 330.137



76, 7.650, 100.137



76, 7.650, 150.137

Sweetspot

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



76, 7.649, 280.127



98, 3.091, 279.442



80, 6.902, 180.007



52, 2.344, 279.525



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, 7.649, 280.127



93, 11.428, 280.412



75, 9.902, 301.099



39, 4.805, 280.181



23, 81.027, 301.405



3, 18.221, 285.238

Inverse Universe

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



76, 7.096, 2.330



93, 10.631, 2.569



80, 9.721, 120.011



39, 4.460, 2.376



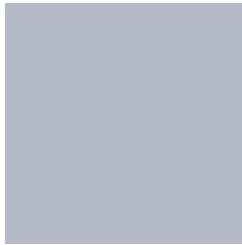
34, 65.306, 27.152



3, 16.246, 8.041

Previews

White Background



This preview shows how the CIELCh color 76, 7.650, 280.137 looks on a white background.

Color Contrast Check

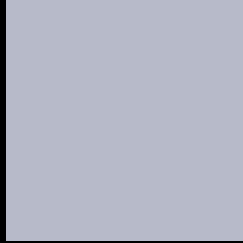
Large Text (above 18pt) WCAG AA × Fail

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, 7.650, 280.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

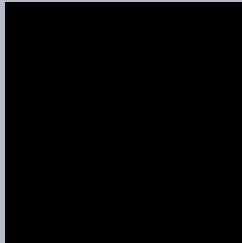
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

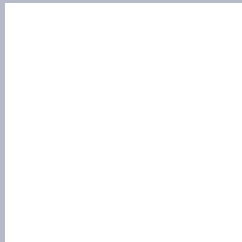
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 7.650, 280.137

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.650, 280.137.

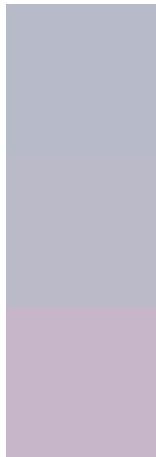


This preview shows how white text looks on a background with the CIELCh color 76, 7.650, 280.137.

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

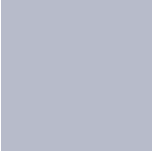
76, 7.650, 280.137

Protanopia

76, 7.561, 293.611

Deuteranopia

76, 12.480, 320.721



Tritanopia
76, 8.179, 280.912

Trichromacy



Original Color
76, 7.650, 280.137

Protanomaly
76, 7.548, 290.889

Deuteranomaly
76, 10.278, 309.453

Tritanomaly
76, 8.179, 280.912

Monochromacy



Original Color
76, 7.650, 280.137

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.782, 275.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 7.650, 280.137 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(183, 187, 201)` looks like.

```
.text, #text, p{  
    color:rgb(183, 187, 201)  
}
```

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(183, 187, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 187, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.650, 280.137 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(183, 187, 201) }
```

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

```
.border{ border-color:rgb(183, 187, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 187, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 187, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 187, 201);  
box-shadow:4px 4px 4px 4px rgb(183, 187,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.650, 280.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 187, 201) }
```

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

```
.background{ background-color: rgb(183,  
187, 201) }
```

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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