

Converting Colors

CIELCh(77, 6.864, 159.942)

Have a look what the booklet for
CIELCh(77, 6.864, 159.942) contains.

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Color

CIELCh(77, 7.028, 161.333)

Conversions

Conversions Part 1

Format	Color
Hex	B3C2BA
RGB	179, 194, 186
RGB Percent	70%, 76%, 73%
CMY	0.2992, 0.2404, 0.2717
CMYK	0.08, 0.00, 0.04, 0.24
HSL	148°, 11%, 73%
HSV	148°, 8%, 76%
XYZ	46.5791, 51.5317, 53.7809
YIQ	188.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

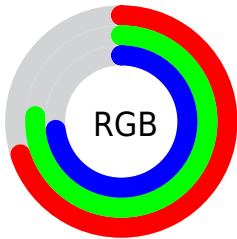
Format	Color
RYB	179, 189, 194
Decimal	11780794
CIELab	77.00, -6.66, 2.25
CIElCh	77, 7.028, 161.333
Yxy	51.5317, 0.3067, 0.3393
Android (android.graphics.Color)	4289970874 (0xFFB3C2BA)
YUV	188.6030, -1.2833, -8.4218
Hunter-Lab	71.7856, -9.8027, 5.8306

Details

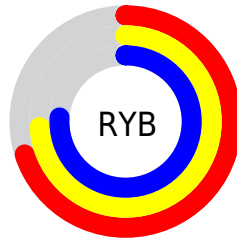
The CIELCh color **77, 7.028, 161.333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 7.097, 342.458**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 6.697, 161.483**, and **57, 6.803, 162.886** is the 20% darker color. If you saturate the color by 10%, you get **75, 16.122, 160.419**, and if you desaturate by 10%, it is **79, 2.050, 341.876**.

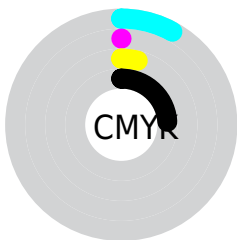
Distribution



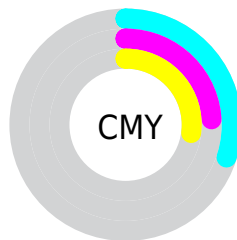
- Red (70%)
- Green (76%)
- Blue (73%)



- Red (70%)
- Yellow (74%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (30%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 7.028, 161.333 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 77, 7.028, 161.333 by changing the saturation by 10% instead.

■ 77, 7.028, 161.333

■ 77, 7.028, 161.333

■ 100, 7.028,
161.333

■ 67, 7.028, 161.333

■ 97, 7.028, 161.333

■ 57, 7.028, 161.333

■ 47, 7.028, 161.333

■ 37, 7.028, 161.333

■ 27, 7.028, 161.333

■ 17, 7.028, 161.333

■ 7, 7.028, 161.333

■ 0, 7.028, 161.333

■ 77, 7.028, 161.333

■ 77, 7.028, 161.333

75, 16.122,
160.419

79, 2.050, 341.876

74, 25.116,
159.426

81, 11.034,
342.746

73, 33.881,
158.312

83, 19.857,
343.418

72, 42.267,
157.051

85, 28.141,
343.439

71, 50.120,
155.619

85, 31.534,
335.487

70, 57.296,
153.992

85, 35.450,
329.286

70, 63.685,
152.158

85, 38.441,
325.759

69, 69.234,
150.118

69, 73.993,

147.924

Harmonies

Complementary

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



77, 7.028, 161.333



74, 7.097, 342.458

Rectangle

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



77, 7.028, 161.333



77, 7.028, 211.333



77, 7.028, 341.333



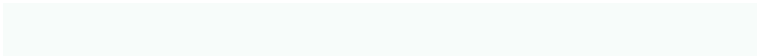
77, 7.028, 31.333

Sweetspot

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



77, 7.030, 161.328



99, 2.242, 161.944



77, 8.423, 126.961



53, 1.285, 161.963



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 7.030, 161.328



97, 10.136, 161.202



77, 5.444, 194.832



40, 5.151, 161.182



58, 64.833, 147.790



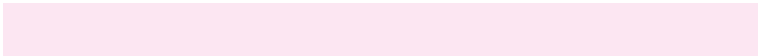
10, 18.932, 155.144

Inverse Universe

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



74, 7.097, 342.458



93, 10.245, 342.582



74, 5.689, 15.726



38, 5.208, 342.602



34, 60.494, 358.409



3, 16.141, 350.319

Previews

White Background



This preview shows how the CIELCh color 77, 7.028, 161.333 looks on a white background.

Color Contrast Check

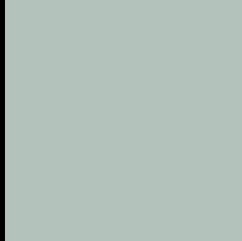
Large Text (above 18pt) WCAG AA × Fail

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 77, 7.028, 161.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

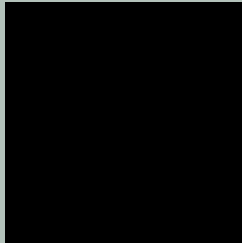
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

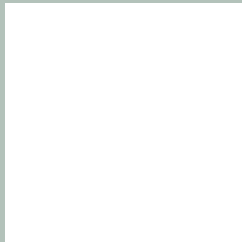
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 7.028, 161.333

Background



This preview shows how black text looks on a background with the CIELCh color 77, 7.028, 161.333.



This preview shows how white text looks on a background with the CIELCh color 77, 7.028, 161.333.

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

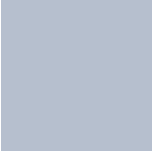
77, 7.028, 161.333

Protanopia

77, 3.906, 74.587

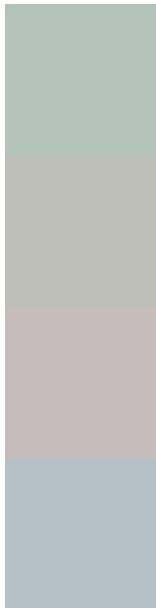
Deuteranopia

77, 9.663, 7.401



Tritanopia
77, 8.592, 269.250

Trichromacy



Original Color
77, 7.028, 161.333

Protanomaly
77, 3.822, 121.065

Deuteranomaly
77, 3.773, 27.706

Tritanomaly
77, 5.386, 243.598

Monochromacy



Original Color
77, 7.028, 161.333

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 2.459, 158.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 7.028, 161.333 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(179, 194, 186)` looks like.

```
.text, #text, p{  
    color:rgb(179, 194, 186)  
}
```

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(179, 194, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 194, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 7.028, 161.333 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(179, 194, 186) }
```

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

```
.border{ border-color:rgb(179, 194, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 194, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 194, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 194, 186);  
box-shadow:4px 4px 4px 4px rgb(179, 194,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 7.028, 161.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 194, 186) }
```

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

```
.background{ background-color: rgb(179,  
194, 186) }
```

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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