

Converting Colors

CIELCh(77, 8.328, 221.751)

Have a look what the booklet for
CIELCh(77, 8.328, 221.751) contains.

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Color

CIELCh(77, 8.328, 221.751)

Conversions

Conversions Part 1

Format	Color
Hex	ACC2C8
RGB	172, 194, 200
RGB Percent	67%, 76%, 78%
CMY	0.3254, 0.2392, 0.2156
CMYK	0.14, 0.03, 0.00, 0.22
HSL	193°, 20%, 73%
HSV	193°, 14%, 78%
XYZ	46.7371, 51.5317, 62.1346
YIQ	188.1060, -15.0380, -2.7980

Conversions

Conversions Part 2

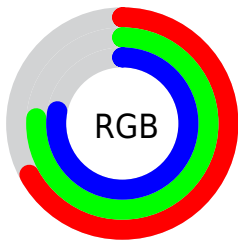
Format	Color
R_{YB}	172, 184, 200
Decimal	11322056
CIE _{Lab}	77.00, -6.21, -5.55
CIE _{LCh}	77, 8.328, 221.751
Yxy	51.5317, 0.2914, 0.3213
Android (android.graphics.Color)	4289512136 (0xFFACC2C8)
YUV	188.1060, 5.8637, -14.1250
Hunter-Lab	71.7856, -9.4098, -1.0690

Details

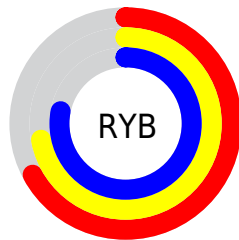
The CIELCh color **77, 8.328, 221.751** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 9.094, 40.747**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 7.853, 218.094**, and **57, 8.388, 222.963** is the 20% darker color. If you saturate the color by 10%, you get **75, 13.861, 222.302**, and if you desaturate by 10%, it is **80, 2.440, 221.479**.

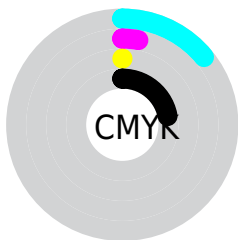
Distribution



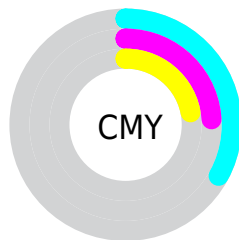
- Red (67%)
- Green (76%)
- Blue (78%)



- Red (67%)
- Yellow (72%)
- Blue (78%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 8.328, 221.751 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, 8.328, 221.751 by changing the saturation by 10% instead.

■ 77, 8.328, 221.751

■ 77, 8.328, 221.751

■ 100, 8.328,
221.751

■ 67, 8.328, 221.751

■ 97, 8.328, 221.751

■ 57, 8.328, 221.751

■ 47, 8.328, 221.751

■ 37, 8.328, 221.751

■ 27, 8.328, 221.751

■ 17, 8.328, 221.751

■ 7, 8.328, 221.751

■ 0, 8.328, 221.751

■ 77, 8.328, 221.751

■ 77, 8.328, 221.751

75, 13.861,
222.302

80, 2.440, 221.479

72, 18.951,
223.102

82, 3.727, 40.833

70, 23.509,
224.187

85, 10.105, 40.748

68, 27.450,
225.623

89, 17.135, 47.967

66, 30.705,
227.491

90, 16.944, 56.891

64, 33.243,
229.877

91, 17.175, 65.776

63, 35.086,
232.864

92, 17.808, 74.202

61, 36.328,
236.504

93, 18.800, 81.867

60, 36.926,

238.898

Harmonies

Complementary

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



77, 8.328, 221.751



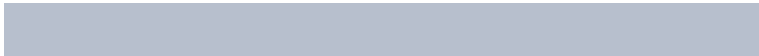
74, 9.094, 40.747

Rectangle

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



77, 8.328, 221.751



77, 8.328, 271.751



77, 8.328, 41.751



77, 8.328, 91.751

Sweetspot

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



77, 8.328, 221.739



99, 2.971, 221.478



78, 15.924, 149.609



52, 2.108, 221.471



0, 0.000, 0.000



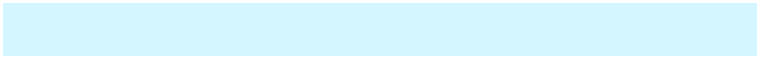
53, 0.007, 296.813

Same Dimension

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



77, 8.328, 221.739



95, 12.207, 221.897



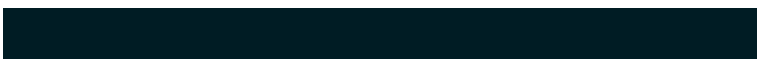
73, 10.970, 275.569



41, 3.399, 221.558



50, 31.684, 238.220



9, 11.136, 228.844

Inverse Universe

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



73, 15.819, 331.894



89, 23.432, 332.110



78, 10.938, 91.968



39, 6.361, 331.587



37, 70.233, 338.909



4, 22.166, 335.737

Previews

White Background



This preview shows how the CIELCh color 77, 8.328, 221.751 looks on a white background.

Color Contrast Check

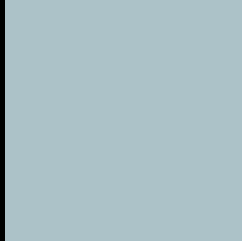
Large Text (above 18pt) WCAG AA × Fail

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, 8.328, 221.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

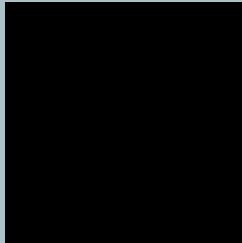
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

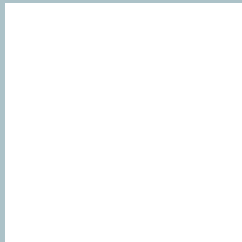
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 8.328, 221.751

Background



This preview shows how black text looks on a background with the CIELCh color 77, 8.328, 221.751.



This preview shows how white text looks on a background with the CIELCh color 77, 8.328, 221.751.

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, 8.328, 221.751

Protanopia

77, 4.375, 300.155

Deuteranopia

77, 11.953, 326.383



Tritanopia
77, 10.482, 249.488

Trichromacy



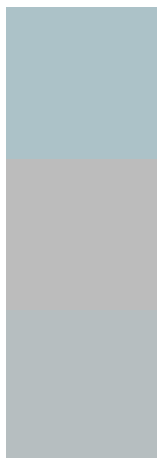
Original Color
77, 8.328, 221.751

Protanomaly
77, 4.488, 256.395

Deuteranomaly
77, 7.161, 302.453

Tritanomaly
77, 9.376, 242.621

Monochromacy



Original Color
77, 8.328, 221.751

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.086, 219.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 8.328, 221.751 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(172, 194, 200)` looks like.

```
.text, #text, p{  
    color:rgb(172, 194, 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(172, 194, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 194, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 8.328, 221.751 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(172, 194, 200) }
```

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

```
.border{ border-color:rgb(172, 194, 200) }
```

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

Here you see how a box with a 4 pixel rgb(172, 194, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 194, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 194, 200);  
box-shadow:4px 4px 4px 4px rgb(172, 194,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 8.328, 221.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 194, 200) }
```

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

```
.background{ background-color: rgb(172,  
194, 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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