

Converting Colors

CIELCh(77, 7.554, 220.052)

Have a look what the booklet for
CIELCh(77, 7.554, 220.052) contains.

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Color

CIELCh(77, 7.522, 219.932)

Conversions

Conversions Part 1

Format	Color
Hex	AEC2C7
RGB	174, 194, 199
RGB Percent	68%, 76%, 78%
CMY	0.3188, 0.2403, 0.2207
CMYK	0.13, 0.03, 0.00, 0.22
HSL	192°, 18%, 73%
HSV	192°, 13%, 78%
XYZ	46.8954, 51.5317, 61.3321
YIQ	188.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

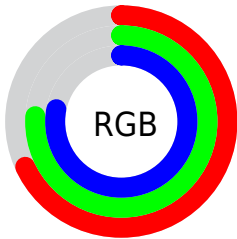
Format	Color
R_{YB}	174, 185, 199
Decimal	11453127
CIE _{Lab}	77.00, -5.77, -4.83
CIE _{LCh}	77, 7.522, 219.932
Yxy	51.5317, 0.2935, 0.3226
Android (android.graphics.Color)	4289643207 (0xFFAEC2C7)
YUV	188.5900, 5.1321, -12.7954
Hunter-Lab	71.7856, -9.0161, -0.4061

Details

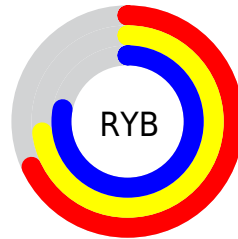
The CIELCh color `77, 7.522, 219.932` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 8.144, 39.181`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 7.228, 219.852`, and `57, 7.550, 221.107` is the 20% darker color. If you saturate the color by 10%, you get `75, 13.112, 220.369`, and if you desaturate by 10%, it is `79, 1.581, 219.865`.

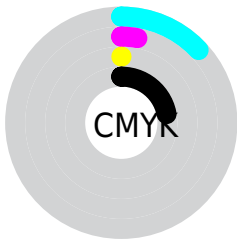
Distribution



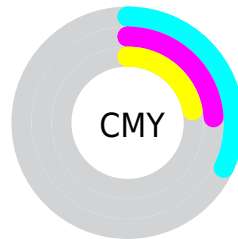
- Red (68%)
- Green (76%)
- Blue (78%)



- Red (68%)
- Yellow (73%)
- Blue (78%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (32%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 7.522, 219.932 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, 7.522, 219.932 by changing the saturation by 10% instead.

■ 77, 7.522, 219.932

■ 77, 7.522, 219.932

■ 100, 7.522,
219.932

■ 67, 7.522, 219.932

■ 97, 7.522, 219.932

■ 57, 7.522, 219.932

■ 47, 7.522, 219.932

■ 37, 7.522, 219.932

■ 27, 7.522, 219.932

■ 17, 7.522, 219.932

■ 7, 7.522, 219.932

■ 0, 7.522, 219.932

■ 77, 7.522, 219.932

■ 77, 7.522, 219.932

75, 13.112,
220.369

79, 1.581, 219.865

72, 18.263,
221.040

82, 4.633, 39.206

70, 22.884,
221.971

85, 11.053, 39.167

68, 26.885,
223.224

89, 17.673, 46.106

66, 30.192,
224.872

90, 17.392, 54.116

65, 32.763,
226.998

90, 17.465, 62.210

63, 34.607,
229.684

91, 17.884, 70.062

62, 35.800,
232.991

92, 18.626, 77.398

61, 36.430,

235.758

Harmonies

Complementary

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



77, 7.522, 219.932



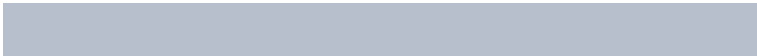
74, 8.144, 39.181

Rectangle

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



77, 7.522, 219.932



77, 7.522, 269.932



77, 7.522, 39.932



77, 7.522, 89.932

Sweetspot

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



77, 7.522, 219.918



99, 2.992, 219.780



78, 14.395, 149.149



53, 2.123, 219.768



0, 0.000, 0.000



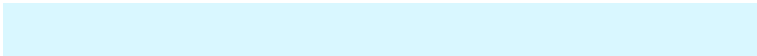
53, 0.007, 296.813

Same Dimension

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



77, 7.522, 219.918



95, 10.904, 220.016



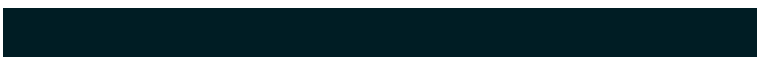
74, 9.609, 274.118



41, 3.422, 219.823



50, 31.434, 235.138



9, 11.167, 226.237

Inverse Universe

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



74, 14.270, 331.285



91, 20.866, 331.458



77, 9.603, 90.863



39, 6.426, 331.075



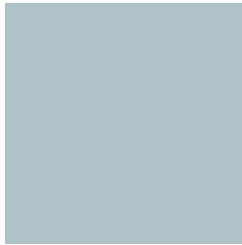
37, 70.972, 338.037



4, 22.449, 335.015

Previews

White Background



This preview shows how the CIELCh color 77, 7.522, 219.932 looks on a white background.

Color Contrast Check

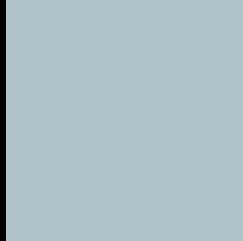
Large Text (above 18pt) WCAG AA × Fail

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, 7.522, 219.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

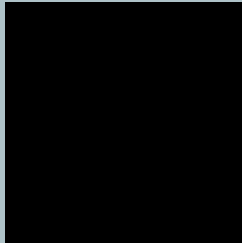
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

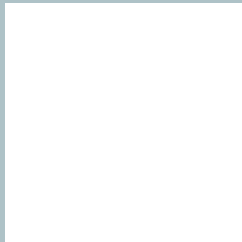
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 7.522, 219.932

Background



This preview shows how black text looks on a background with the CIELCh color 77, 7.522, 219.932.




This preview shows how white text looks on a background with the CIELCh color 77, 7.522, 219.932.

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
77, 10.300, 255.948

Trichromacy



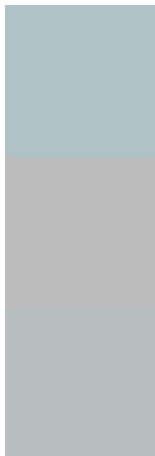
Original Color
77, 7.522, 219.932

Protanomaly
77, 3.853, 256.278

Deuteranomaly
77, 6.636, 303.367

Tritanomaly
77, 8.896, 245.655

Monochromacy



Original Color
77, 7.522, 219.932

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.751, 222.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 7.522, 219.932 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(174, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(174, 194, 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(174, 194, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 194, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 7.522, 219.932 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(174, 194, 199) }
```

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

```
.border{ border-color:rgb(174, 194, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 194, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 194, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 194, 199);  
box-shadow:4px 4px 4px 4px rgb(174, 194,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 7.522, 219.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 194, 199) }
```

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

```
.background{ background-color: rgb(174,  
194, 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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