

Converting Colors

CIELCh(77, 6.302, 242.588)

Have a look what the booklet for
CIELCh(77, 6.302, 242.588) contains.

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Color

CIELCh(77, 6.246, 242.766)

Conversions

Conversions Part 1

Format	Color
Hex	B3C0C8
RGB	179, 192, 200
RGB Percent	70%, 75%, 78%
CMY	0.2975, 0.2465, 0.2152
CMYK	0.10, 0.04, 0.00, 0.22
HSL	203°, 16%, 74%
HSV	203°, 10%, 78%
XYZ	47.9391, 51.5317, 62.1437
YIQ	189.0250, -10.3160, -0.2680

Conversions

Conversions Part 2

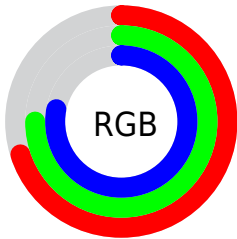
Format	Color
R_{YB}	179, 187, 200
Decimal	11780296
CIE _{Lab}	77.00, -2.86, -5.55
CIE _{LCh}	77, 6.246, 242.766
Yxy	51.5317, 0.2966, 0.3189
Android (android.graphics.Color)	4289970376 (0xFFB3C0C8)
YUV	189.0250, 5.4107, -8.7919
Hunter-Lab	71.7856, -6.4209, -1.0765

Details

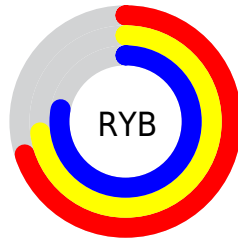
The CIELCh color $77, 6.246, 242.766$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 6.533, 60.494$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 5.660, 238.606$, and $57, 6.219, 239.147$ is the 20% darker color. If you saturate the color by 10%, you get $74, 11.997, 244.018$, and if you desaturate by 10%, it is $80, 0.303, 243.116$.

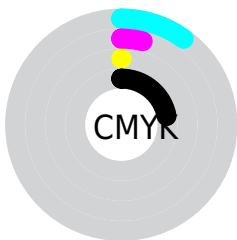
Distribution



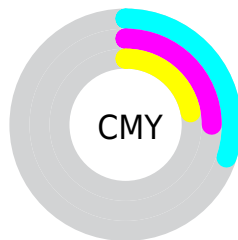
- Red (70%)
- Green (75%)
- Blue (78%)



- Red (70%)
- Yellow (73%)
- Blue (78%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 6.246, 242.766 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, 6.246, 242.766 by changing the saturation by 10% instead.

■ 77, 6.246, 242.766

■ 77, 6.246, 242.766

■ 100, 6.246,
242.766

■ 67, 6.246, 242.766

■ 97, 6.246, 242.766

■ 57, 6.246, 242.766

■ 47, 6.246, 242.766

■ 37, 6.246, 242.766

■ 27, 6.246, 242.766

■ 17, 6.246, 242.766

■ 7, 6.246, 242.766

■ 0, 6.246, 242.766

■ 77, 6.246, 242.766

■ 77, 6.246, 242.766

74, 11.997,
244.018

80, 0.303, 243.116

70, 17.508,
245.604

84, 5.785, 60.647

67, 22.728,
247.558

88, 11.978, 59.957

64, 27.614,
249.953

91, 17.011, 62.797

61, 32.141,
252.870

93, 18.166, 77.714

58, 36.317,
256.374

95, 20.379, 90.031

55, 40.200,
260.495

96, 23.332, 99.497

52, 43.904,
265.187

98, 26.764,
106.604

50, 47.440,

99, 27.668,
108.076

269.916

Harmonies

Complementary

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



77, 6.246, 242.766



77, 6.533, 60.494

Rectangle

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



77, 6.246, 242.766



77, 6.246, 292.766



77, 6.246, 62.766



77, 6.246, 112.766

Sweetspot

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



77, 6.246, 242.749



99, 2.200, 242.109



79, 10.542, 156.363



52, 1.665, 242.140



0, 0.000, 0.000



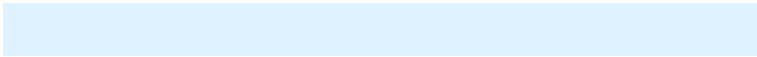
53, 0.007, 296.813

Same Dimension

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



77, 6.246, 242.749



95, 9.379, 243.060



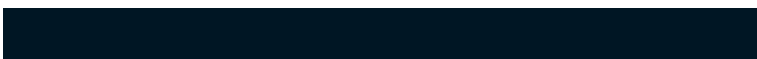
74, 9.883, 285.339



40, 3.364, 242.628



41, 40.325, 269.091



6, 12.224, 257.271

Inverse Universe

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



75, 10.515, 338.492



92, 15.894, 338.708



79, 9.716, 102.999



39, 5.648, 338.402



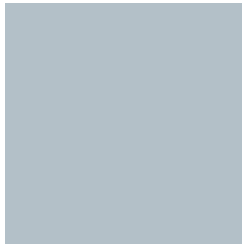
35, 63.253, 350.970



4, 19.284, 345.593

Previews

White Background



This preview shows how the CIELCh color 77, 6.246, 242.766 looks on a white background.

Color Contrast Check

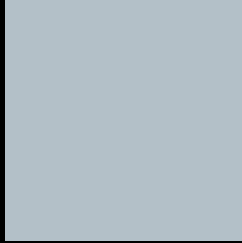
Large Text (above 18pt) WCAG AA × Fail

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, 6.246, 242.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

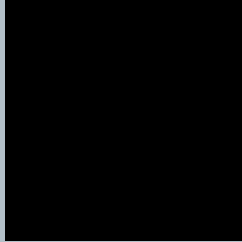
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

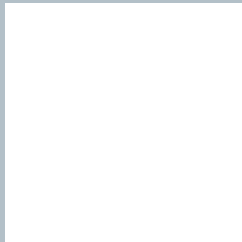
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 6.246, 242.766

Background



This preview shows how black text looks on a background with the CIELCh color 77, 6.246, 242.766.



This preview shows how white text looks on a background with the CIELCh color 77, 6.246, 242.766.

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

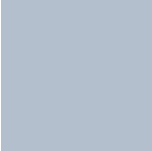
77, 6.246, 242.766

Protanopia

77, 4.905, 299.142

Deuteranopia

77, 11.953, 326.383



Tritanopia
77, 8.856, 265.027

Trichromacy



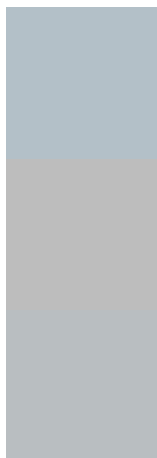
Original Color
77, 6.246, 242.766

Protanomaly
77, 4.938, 277.993

Deuteranomaly
77, 7.980, 309.360

Tritanomaly
77, 7.915, 261.425

Monochromacy



Original Color
77, 6.246, 242.766

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.416, 241.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 6.246, 242.766 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, 192, 200)` looks like.

```
.text, #text, p{  
    color:rgb(179, 192, 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(179, 192, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 192, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 6.246, 242.766 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, 192, 200) }
```

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

```
.border{ border-color:rgb(179, 192, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 192, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 192, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 192, 200);  
box-shadow:4px 4px 4px 4px rgb(179, 192,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 6.246, 242.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 192, 200) }
```

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

```
.background{ background-color: rgb(179,  
192, 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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