

Converting Colors

CIELCh(77, 6.001, 253.110)

Have a look what the booklet for
CIELCh(77, 6.001, 253.110) contains.

CIELCh(77, 6.156, 251.104)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 6.156, 251.104)

Conversions

Conversions Part 1

Format	Color
Hex	B5C0C9
RGB	181, 192, 201
RGB Percent	71%, 75%, 79%
CMY	0.2915, 0.2484, 0.2131
CMYK	0.10, 0.04, 0.00, 0.21
HSL	207°, 16%, 75%
HSV	207°, 10%, 79%
XYZ	48.2522, 51.5317, 62.4483
YIQ	189.7370, -9.4450, 0.4670

Conversions

Conversions Part 2

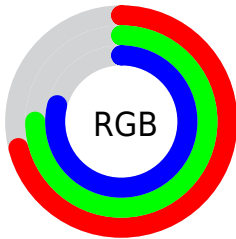
Format	Color
R_YB	181, 188, 201
Decimal	11911369
CIE Lab	77.00, -1.99, -5.82
CIE LCh	77, 6.156, 251.104
Yxy	51.5317, 0.2974, 0.3176
Android (android.graphics.Color)	4290101449 (0xFFB5C0C9)
YUV	189.7370, 5.5527, -7.6623
Hunter-Lab	71.7856, -5.6422, -1.3281

Details

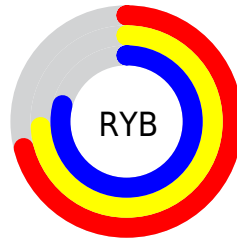
The CIELCh color `77, 6.156, 251.104` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 6.352, 68.606`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 5.155, 243.403`, and `57, 6.073, 247.988` is the 20% darker color. If you saturate the color by 10%, you get `73, 12.209, 252.525`, and if you desaturate by 10%, it is `81, 0.017, 44.995`.

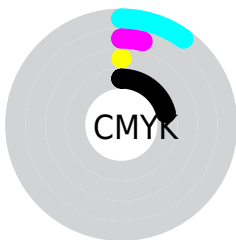
Distribution



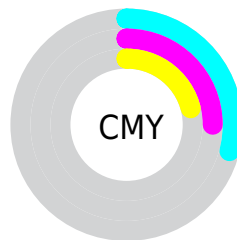
- Red (71%)
- Green (75%)
- Blue (79%)



- Red (71%)
- Yellow (74%)
- Blue (79%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (29%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 6.156, 251.104 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, 6.156, 251.104 by changing the saturation by 10% instead.

■ 77, 6.156, 251.104

■ 77, 6.156, 251.104

■ 100, 6.156,
251.104

■ 67, 6.156, 251.104

■ 97, 6.156, 251.104

■ 57, 6.156, 251.104

■ 47, 6.156, 251.104

■ 37, 6.156, 251.104

■ 27, 6.156, 251.104

■ 17, 6.156, 251.104

■ 7, 6.156, 251.104

■ 0, 6.156, 251.104

■ 77, 6.156, 251.104

■ 77, 6.156, 251.104

73, 12.209,
252.525

81, 0.017, 44.995

69, 18.110,
254.278

85, 6.270, 68.690

66, 23.826,
256.396

89, 12.579, 67.845

62, 29.330,
258.942

92, 17.437, 72.627

59, 34.618,
261.980

94, 19.764, 88.245

55, 39.714,
265.556

97, 23.212, 99.783

52, 44.683,
269.667

99, 27.332,
107.978

49, 49.634,
274.233

99, 27.407,
108.096

46, 54.718,

278.966

Harmonies

Complementary

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



77, 6.156, 251.104



78, 6.352, 68.606

Rectangle

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



77, 6.156, 251.104



77, 6.156, 301.104



77, 6.156, 71.104



77, 6.156, 121.104

Sweetspot

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



77, 6.155, 251.087



99, 2.269, 250.362



79, 9.546, 159.480



52, 1.718, 250.414



0, 0.000, 0.000



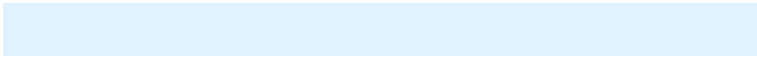
53, 0.007, 296.813

Same Dimension

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



77, 6.155, 251.087



94, 8.985, 251.377



74, 10.102, 288.448



40, 3.480, 251.013



38, 46.315, 278.199



6, 13.222, 265.529

Inverse Universe

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



75, 9.531, 341.795



92, 13.975, 341.987



80, 9.901, 106.351



39, 5.382, 341.744



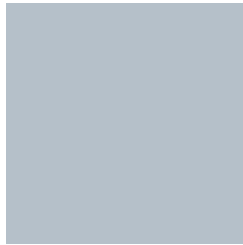
35, 61.494, 356.943



4, 18.393, 349.896

Previews

White Background



This preview shows how the CIELCh color 77, 6.156, 251.104 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, 6.156, 251.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

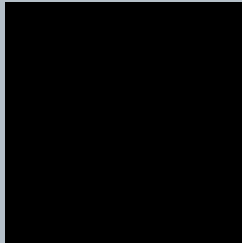
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

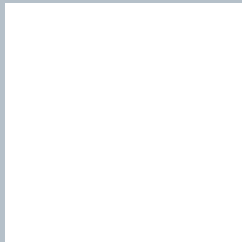
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 6.156, 251.104

Background



This preview shows how black text looks on a background with the CIELCh color 77, 6.156, 251.104.



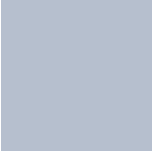
This preview shows how white text looks on a background with the CIELCh color 77, 6.156, 251.104.

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, 8.592, 269.250

Trichromacy



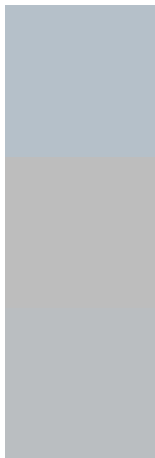
Original Color
77, 6.156, 251.104

Protanomaly
77, 5.463, 279.297

Deuteranomaly
77, 8.608, 310.528

Tritanomaly
77, 7.612, 266.073

Monochromacy



Original Color
77, 6.156, 251.104

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.161, 247.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 6.156, 251.104 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(181, 192, 201)` looks like.

```
.text, #text, p{  
    color:rgb(181, 192, 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(181, 192, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 192, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 6.156, 251.104 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(181, 192, 201) }
```

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

```
.border{ border-color:rgb(181, 192, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 192, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 192, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 192, 201);  
box-shadow:4px 4px 4px 4px rgb(181, 192,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 6.156, 251.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 192, 201) }
```

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

```
.background{ background-color: rgb(181,  
192, 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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