

Converting Colors

CIELCh(77, 12.550, 200.962)

Have a look what the booklet for
CIELCh(77, 12.550, 200.962)
contains.

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Color

CIELCh(77, 12.550, 200.962)

Conversions

Conversions Part 1

Format	Color
Hex	A1C5C6
RGB	161, 197, 198
RGB Percent	63%, 77%, 78%
CMY	0.3690, 0.2278, 0.2239
CMYK	0.19, 0.01, 0.00, 0.22
HSL	182°, 24%, 70%
HSV	182°, 19%, 78%
XYZ	44.8079, 51.5317, 60.9558
YIQ	186.3500, -21.7770, -7.3210

Conversions

Conversions Part 2

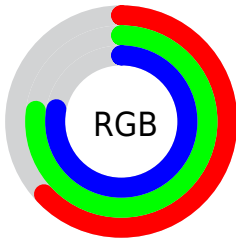
Format	Color
RYB	161, 179, 198
Decimal	10601926
CIELab	77.00, -11.72, -4.49
CIELCh	77, 12.550, 200.962
Yxy	51.5317, 0.2849, 0.3276
Android (android.graphics.Color)	4288792006 (0xFFA1C5C6)
YUV	186.3500, 5.7435, -22.2319
Hunter-Lab	71.7856, -14.2067, -0.0954

Details

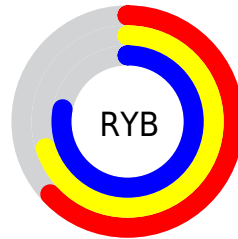
The CIELCh color **77, 12.550, 200.962** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 14.196, 22.831**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 12.753, 200.964**, and **57, 12.364, 200.920** is the 20% darker color. If you saturate the color by 10%, you get **76, 18.606, 200.592**, and if you desaturate by 10%, it is **78, 6.004, 201.411**.

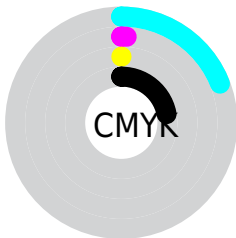
Distribution



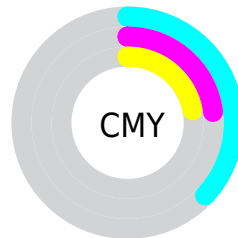
- Red (63%)
- Green (77%)
- Blue (78%)



- Red (63%)
- Yellow (70%)
- Blue (78%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (37%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 12.550, 200.962 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, 12.550, 200.962 by changing the saturation by 10% instead.

■ 77, 12.550,
200.962

■ 77, 12.550,
200.962

■ 100, 12.550,
200.962

■ 67, 12.550,
200.962

■ 97, 12.550,
200.962

■ 57, 12.550,
200.962

■ 47, 12.550,
200.962

■ 37, 12.550,
200.962

■ 27, 12.550,
200.962

■ 17, 12.550,
200.962

■ 7, 12.550, 200.962

0, 12.550, 200.962

77, 12.550,
200.962

77, 12.550,
200.962

76, 18.606,
200.592

78, 6.004, 201.411

75, 24.058,
200.308

80, 0.924, 21.181

74, 28.795,
200.110

82, 8.135, 22.203

73, 32.725,
200.006

85, 21.175, 23.357

72, 35.783,
200.007

85, 20.992, 24.109

72, 37.944,
200.120

86, 20.636, 25.652

■ 71, 39.242,
200.347

■ 86, 20.464, 26.444

■ 71, 39.821,
200.679

■ 71, 39.879,
200.725

Harmonies

Complementary

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



77, 12.550, 200.962



70, 14.196, 22.831

Rectangle

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



77, 12.550, 200.962



77, 12.550, 250.962



77, 12.550, 20.962



77, 12.550, 70.962

Sweetspot

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



77, 12.551, 200.955



99, 5.123, 201.564



76, 24.036, 143.708



53, 3.393, 201.522



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, 12.551, 200.955



96, 17.931, 200.814



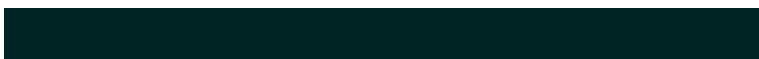
72, 11.965, 259.880



41, 3.925, 201.375



59, 34.579, 200.662



11, 12.609, 199.689

Inverse Universe

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



71, 23.890, 326.188



87, 34.553, 326.390



74, 12.497, 74.857



39, 7.249, 325.662



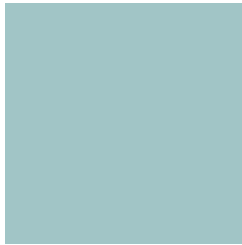
38, 81.047, 329.322



4, 26.135, 327.905

Previews

White Background



This preview shows how the CIELCh color 77, 12.550, 200.962 looks on a white background.

Color Contrast Check

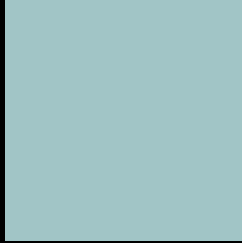
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 77, 12.550, 200.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

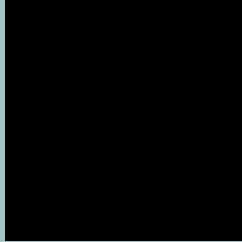
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

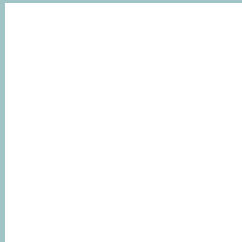
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 12.550, 200.962

Background



This preview shows how black text looks on a background with the CIELCh color 77, 12.550, 200.962.

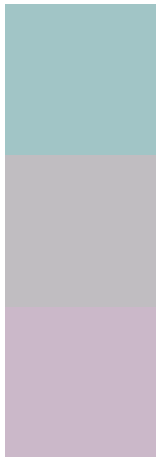


This preview shows how white text looks on a background with the CIELCh color 77, 12.550, 200.962.

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](#).

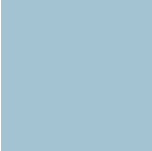
Dichromacy



Original Color
77, 12.550, 200.962

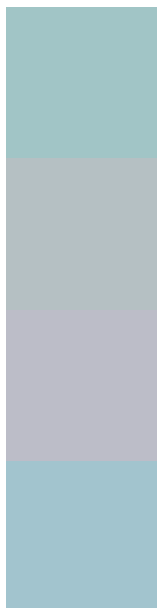
Protanopia
77, 2.434, 317.304

Deuteranopia
77, 11.525, 327.947



Tritanopia
77, 13.619, 238.096

Trichromacy



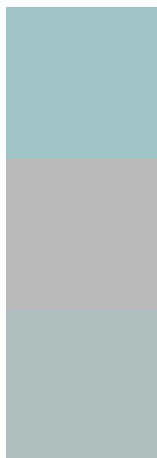
Original Color
77, 12.550, 200.962

Protanomaly
77, 4.257, 221.510

Deuteranomaly
77, 5.920, 287.249

Tritanomaly
77, 12.677, 223.828

Monochromacy



Original Color
77, 12.550, 200.962

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.719, 199.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 12.550, 200.962 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(161, 197, 198)` looks like.

```
.text, #text, p{  
    color:rgb(161, 197, 198)  
}
```

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(161, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 197, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 12.550, 200.962 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(161, 197, 198) }
```

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

```
.border{ border-color:rgb(161, 197, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(161, 197,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 12.550, 200.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 197, 198) }
```

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

```
.background{ background-color: rgb(161,  
197, 198) }
```

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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