

Converting Colors

CIELCh(77, 12.729, 206.275)

Have a look what the booklet for
CIELCh(77, 12.729, 206.275)
contains.

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Color

CIELCh(77, 12.876, 205.715)

Conversions

Conversions Part 1

Format	Color
Hex	A0C5C8
RGB	160, 197, 200
RGB Percent	63%, 77%, 78%
CMY	0.3728, 0.2277, 0.2160
CMYK	0.20, 0.01, 0.00, 0.22
HSL	184°, 27%, 71%
HSV	184°, 20%, 78%
XYZ	44.8489, 51.5317, 62.1810
YIQ	186.2790, -23.0150, -6.9110

Conversions

Conversions Part 2

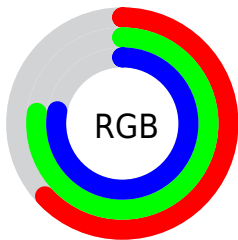
Format	Color
RYB	160, 179, 200
Decimal	10536392
CIELab	77.00, -11.60, -5.59
CIElCh	77, 12.876, 205.715
Yxy	51.5317, 0.2828, 0.3250
Android (android.graphics.Color)	4288726472 (0xFFA0C5C8)
YUV	186.2790, 6.7645, -23.0467
Hunter-Lab	71.7856, -14.1048, -1.1073

Details

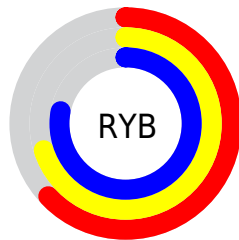
The CIELCh color **77, 12.876, 205.715** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 14.736, 26.982**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 13.073, 200.887**, and **57, 12.680, 206.063** is the 20% darker color. If you saturate the color by 10%, you get **75, 18.630, 205.588**, and if you desaturate by 10%, it is **79, 6.633, 205.947**.

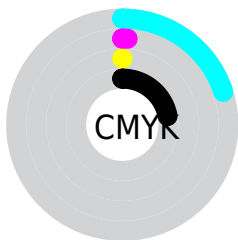
Distribution



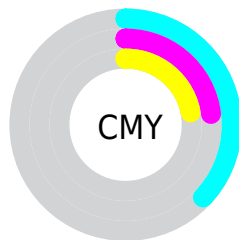
- Red (63%)
- Green (77%)
- Blue (78%)



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



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 12.876, 205.715 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, 12.876, 205.715 by changing the saturation by 10% instead.


 77, 12.876,
205.715


 77, 12.876,
205.715


 100, 12.876,
205.715


 67, 12.876,
205.715


 97, 12.876,
205.715

 57, 12.876,
205.715

 47, 12.876,
205.715

 37, 12.876,
205.715

 27, 12.876,
205.715

 17, 12.876,
205.715

 7, 12.876, 205.715

0, 12.876, 205.715

77, 12.876,
205.715

77, 12.876,
205.715

75, 18.630,
205.588

79, 6.633, 205.947

74, 23.783,
205.589

81, 0.010, 274.287

83, 6.917, 26.381

73, 28.228,
205.728

85, 14.049, 26.793

72, 31.873,
206.032

86, 19.420, 27.688

87, 18.980, 30.142

71, 34.653,
206.526

87, 18.578, 32.709

70, 36.547,
207.238

87, 18.216, 35.384

■ 69, 37.590,
208.190

■ 88, 17.895, 38.162

■ 69, 37.973,
209.360

Harmonies

Complementary

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



77, 12.876, 205.715



70, 14.736, 26.982

Rectangle

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



77, 12.876, 205.715



77, 12.876, 255.715



77, 12.876, 25.715



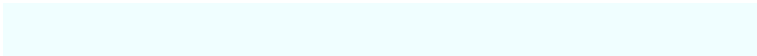
77, 12.876, 75.715

Sweetspot

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



77, 12.877, 205.708



99, 4.895, 206.098



77, 25.067, 144.985



52, 3.241, 206.068



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, 12.877, 205.708



95, 18.544, 205.642



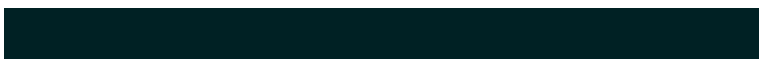
72, 13.564, 265.205



41, 3.750, 205.968



57, 32.698, 209.152



11, 12.038, 206.105

Inverse Universe

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



70, 24.956, 327.652



85, 36.484, 327.903



75, 13.995, 79.702



39, 7.014, 327.032



38, 78.077, 331.426



4, 25.073, 329.608

Previews

White Background



This preview shows how the CIELCh color 77, 12.876, 205.715 looks on a white background.

Color Contrast Check

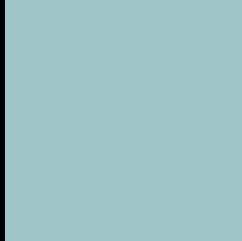
Large Text (above 18pt) WCAG AA × Fail

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, 12.876, 205.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

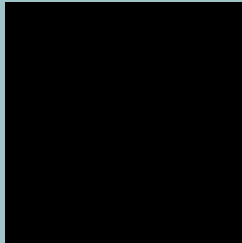
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

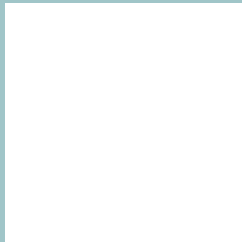
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 12.876, 205.715

Background



This preview shows how black text looks on a background with the CIELCh color 77, 12.876, 205.715.

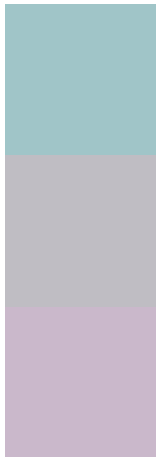


This preview shows how white text looks on a background with the CIELCh color 77, 12.876, 205.715.

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](#).

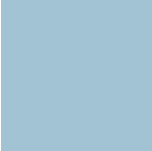
Dichromacy



Original Color
77, 12.876, 205.715

Protanopia
77, 3.321, 303.195

Deuteranopia
77, 12.188, 323.485



Tritanopia
77, 13.868, 237.247

Trichromacy



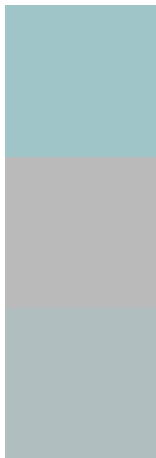
Original Color
77, 12.876, 205.715

Protanomaly
77, 5.030, 231.543

Deuteranomaly
77, 7.014, 284.975

Tritanomaly
77, 13.157, 225.445

Monochromacy



Original Color
77, 12.876, 205.715

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.730, 205.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 12.876, 205.715 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(160, 197, 200)` looks like.

```
.text, #text, p{  
    color:rgb(160, 197, 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(160, 197, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 197, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 12.876, 205.715 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(160, 197, 200) }
```

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

```
.border{ border-color:rgb(160, 197, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 197, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 197, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 197, 200);  
box-shadow:4px 4px 4px 4px rgb(160, 197,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 12.876, 205.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 197, 200) }
```

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

```
.background{ background-color: rgb(160,  
197, 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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