

Converting Colors

CIELCh(77, 15.169, 212.356)

Have a look what the booklet for
CIELCh(77, 15.169, 212.356)
contains.

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Color

CIELCh(77, 15.265, 212.707)

Conversions

Conversions Part 1

Format	Color
Hex	9AC6CD
RGB	154, 198, 205
RGB Percent	60%, 78%, 80%
CMY	0.3969, 0.2244, 0.1970
CMYK	0.25, 0.03, 0.00, 0.20
HSL	188°, 34%, 70%
HSV	188°, 25%, 80%
XYZ	44.4204, 51.5317, 65.2214
YIQ	185.6420, -28.4710, -7.1510

Conversions

Conversions Part 2

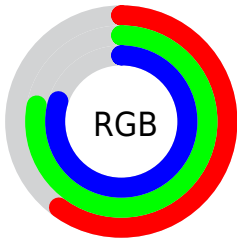
Format	Color
RYB	154, 178, 205
Decimal	10143437
CIELab	77.00, -12.84, -8.25
CIELCh	77, 15.265, 212.707
Yxy	51.5317, 0.2756, 0.3197
Android (android.graphics.Color)	4288333517 (0xFF9AC6CD)
YUV	185.6420, 9.5435, -27.7500
Hunter-Lab	71.7856, -15.1705, -3.6185

Details

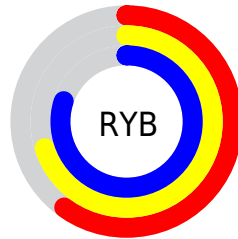
The CIELCh color **77, 15.265, 212.707** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 18.140, 32.940**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.314, 198.486**, and **57, 15.361, 213.266** is the 20% darker color. If you saturate the color by 10%, you get **75, 20.576, 213.016**, and if you desaturate by 10%, it is **79, 9.435, 212.556**.

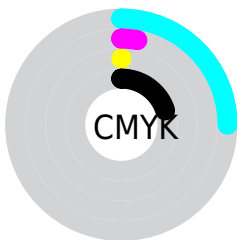
Distribution



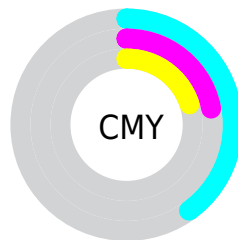
- Red (60%)
- Green (78%)
- Blue (80%)



- Red (60%)
- Yellow (70%)
- Blue (80%)



- Cyan (25%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)





- Cyan (40%)
- Magenta (22%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 15.265, 212.707 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, 15.265, 212.707 by changing the saturation by 10% instead.


 77, 15.265,
212.707


 77, 15.265,
212.707


 100, 15.265,
212.707


 67, 15.265,
212.707


 97, 15.265,
212.707

 57, 15.265,
212.707

 47, 15.265,
212.707

 37, 15.265,
212.707

 27, 15.265,
212.707

 17, 15.265,
212.707

 7, 15.265, 212.707

■ 0, 15.265, 212.707

■ 77, 15.265,
212.707

■ 77, 15.265,
212.707

■ 75, 20.576,
213.016

■ 79, 9.435, 212.556

■ 73, 25.261,
213.530

■ 81, 3.188, 212.628

■ 84, 3.385, 32.336

■ 72, 29.222,
214.287

■ 86, 10.202, 32.571

■ 70, 32.379,
215.340

■ 88, 16.750, 33.074

■ 89, 16.131, 38.778

■ 69, 34.687,
216.746

■ 90, 15.687, 44.869

■ 68, 36.154,
218.563

■ 90, 15.433, 51.232

■ 67, 36.860,
220.838

■ 91, 15.378, 57.717

■ 66, 37.053,
222.119

Harmonies

Complementary

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



77, 15.265, 212.707



70, 18.140, 32.940

Rectangle

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



77, 15.265, 212.707



77, 15.265, 262.707



77, 15.265, 32.707



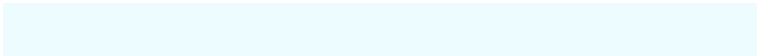
77, 15.265, 82.707

Sweetspot

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



77, 15.265, 212.701



98, 5.409, 212.575



78, 30.369, 146.563



52, 3.509, 212.567



0, 0.000, 0.000



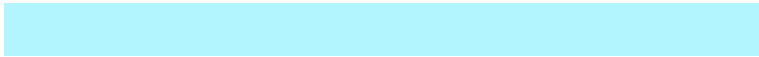
53, 0.007, 296.813

Same Dimension

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



77, 15.265, 212.701



92, 21.527, 212.851



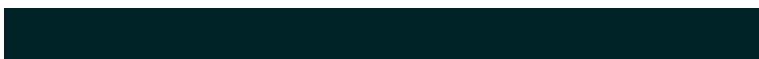
70, 18.571, 272.108



42, 3.636, 212.552



54, 31.686, 221.681



11, 11.967, 215.817

Inverse Universe

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



70, 30.354, 329.915



82, 43.638, 330.254



76, 18.873, 85.151



40, 6.858, 328.958



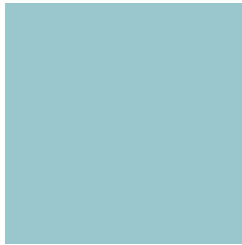
38, 75.250, 334.512



5, 25.974, 332.532

Previews

White Background



This preview shows how the CIELCh color 77, 15.265, 212.707 looks on a white background.

Color Contrast Check

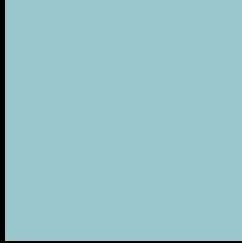
Large Text (above 18pt) WCAG AA × Fail

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, 15.265, 212.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

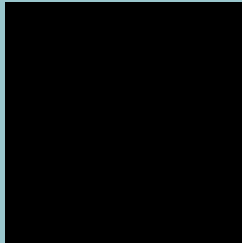
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

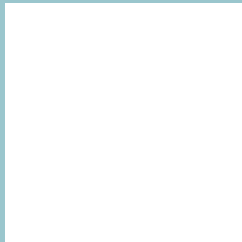
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 15.265, 212.707

Background



This preview shows how black text looks on a background with the CIELCh color 77, 15.265, 212.707.



This preview shows how white text looks on a background with the CIELCh color 77, 15.265, 212.707.

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, 15.265, 212.707

Protanopia
77, 5.974, 297.685

Deuteranopia
77, 14.199, 315.137



Tritanopia
77, 15.920, 229.095

Trichromacy



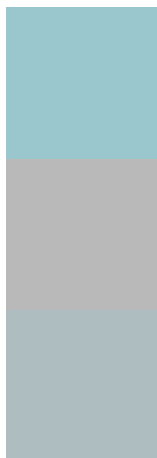
Original Color
77, 15.265, 212.707

Protanomaly
77, 7.101, 242.178

Deuteranomaly
77, 9.863, 278.709

Tritanomaly
77, 15.323, 223.496

Monochromacy



Original Color
77, 15.265, 212.707

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 5.838, 209.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 15.265, 212.707 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(154, 198, 205)` looks like.

```
.text, #text, p{  
    color:rgb(154, 198, 205)  
}
```

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(154, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 198, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 15.265, 212.707 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(154, 198, 205) }
```

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

```
.border{ border-color:rgb(154, 198, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 198, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 198, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 198, 205);  
box-shadow:4px 4px 4px 4px rgb(154, 198,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 15.265, 212.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 198, 205) }
```

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

```
.background{ background-color: rgb(154,  
198, 205) }
```

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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