

Converting Colors

CIELCh(77, 14.523, 167.157)

Have a look what the booklet for
CIELCh(77, 14.523, 167.157)
contains.

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Color

CIELCh(77, 14.523, 167.157)

Conversions

Conversions Part 1

Format	Color
Hex	A4C6B8
RGB	164, 198, 184
RGB Percent	64%, 78%, 72%
CMY	0.3582, 0.2249, 0.2798
CMYK	0.17, 0.00, 0.07, 0.22
HSL	155°, 23%, 71%
HSV	155°, 17%, 78%
XYZ	43.9703, 51.5317, 52.7882
YIQ	186.2380, -15.7700, -11.5620

Conversions

Conversions Part 2

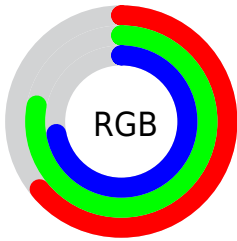
Format	Color
RYB	164, 185, 198
Decimal	10798776
CIELab	77.00, -14.16, 3.23
CIELCh	77, 14.523, 167.157
Yxy	51.5317, 0.2965, 0.3475
Android (android.graphics.Color)	4288988856 (0xFFA4C6B8)
YUV	186.2380, -1.1033, -19.5027
Hunter-Lab	71.7856, -16.2897, 6.6505

Details

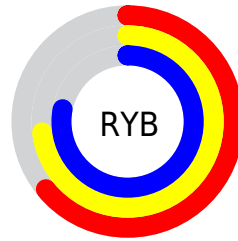
The CIELCh color **77, 14.523, 167.157** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 14.995, 350.281**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.733, 167.146**, and **57, 14.396, 167.027** is the 20% darker color. If you saturate the color by 10%, you get **76, 22.793, 166.109**, and if you desaturate by 10%, it is **79, 6.097, 168.137**.

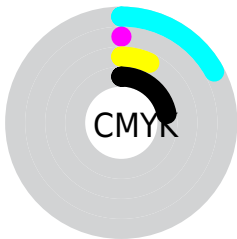
Distribution



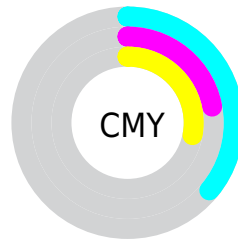
- Red (64%)
- Green (78%)
- Blue (72%)



- Red (64%)
- Yellow (73%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)





- Cyan (36%)
- Magenta (22%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 14.523, 167.157 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, 14.523, 167.157 by changing the saturation by 10% instead.


 77, 14.523,
167.157


 77, 14.523,
167.157


 100, 14.523,
167.157


 67, 14.523,
167.157


 97, 14.523,
167.157

 57, 14.523,
167.157

 47, 14.523,
167.157

 37, 14.523,
167.157

 27, 14.523,
167.157

 17, 14.523,
167.157

 7, 14.523, 167.157

■ 0, 14.523, 167.157

■ 77, 14.523,
167.157

■ 77, 14.523,
167.157

■ 76, 22.793,
166.109

■ 79, 6.097, 168.137

■ 74, 30.776,
164.958

■ 80, 2.382, 348.747

■ 73, 38.334,
163.676

■ 82, 10.825,
349.689

■ 72, 45.328,
162.237

■ 84, 19.168,
350.452

■ 72, 51.631,
160.617

■ 85, 25.045,
347.640

■ 71, 57.156,
158.794

■ 86, 27.441,
340.067

■ 86, 30.265,

■ 71, 61.872,
156.760

333.874

■ 71, 65.845,
154.540

■ 86, 33.404,
328.858

■ 71, 66.901,
153.929

■ 86, 35.967,
325.674

Harmonies

Complementary

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



77, 14.523, 167.157



71, 14.995, 350.281

Rectangle

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



77, 14.523, 167.157



77, 14.523, 217.157



77, 14.523, 347.157



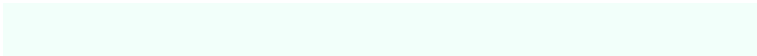
77, 14.523, 37.157

Sweetspot

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



77, 14.525, 167.154



99, 5.208, 168.356



77, 19.669, 131.185



53, 3.553, 168.280



0, 0.000, 0.000



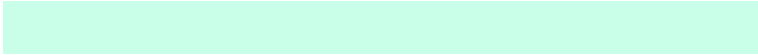
53, 0.007, 296.813

Same Dimension

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



77, 14.525, 167.154



96, 21.753, 166.734



77, 10.982, 206.639



41, 4.827, 167.921



59, 57.657, 154.279



11, 18.601, 160.352

Inverse Universe

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



71, 14.995, 350.281



86, 22.632, 350.726



71, 12.316, 27.568



39, 4.915, 349.484



34, 60.580, 9.998



4, 17.126, 358.216

Previews

White Background



This preview shows how the CIELCh color 77, 14.523, 167.157 looks on a white background.

Color Contrast Check

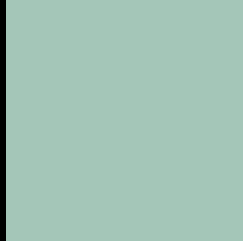
Large Text (above 18pt) WCAG AA × Fail

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, 14.523, 167.157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

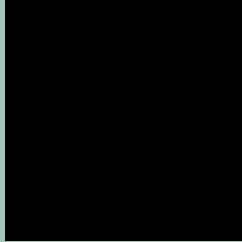
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

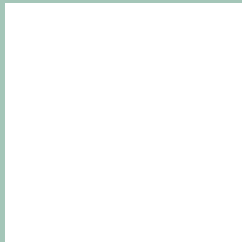
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 14.523, 167.157

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.523, 167.157.

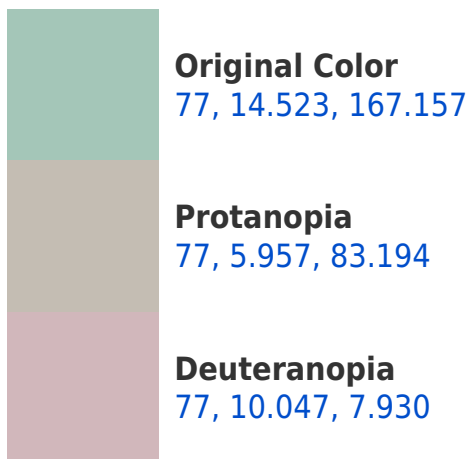


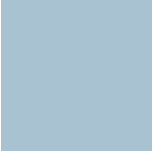
This preview shows how white text looks on a background with the CIELCh color 77, 14.523, 167.157.

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, 11.843, 241.966

Trichromacy



Original Color
77, 14.523, 167.157

Protanomaly
77, 6.630, 136.376

Deuteranomaly
77, 2.138, 49.342

Tritanomaly
77, 10.420, 213.714

Monochromacy



Original Color
77, 14.523, 167.157

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.198, 167.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 14.523, 167.157 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(164, 198, 184)` looks like.

```
.text, #text, p{  
    color:rgb(164, 198, 184)  
}
```

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(164, 198, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 198, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.523, 167.157 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(164, 198, 184) }
```

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

```
.border{ border-color:rgb(164, 198, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 198, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 198, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 198, 184);  
box-shadow:4px 4px 4px 4px rgb(164, 198,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.523, 167.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 198, 184) }
```

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

```
.background{ background-color: rgb(164,  
198, 184) }
```

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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