

Converting Colors

CIELCh(77, 14.911, 182.252)

Have a look what the booklet for
CIELCh(77, 14.911, 182.252)
contains.

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Color

CIELCh(77, 14.691, 183.427)

Conversions

Conversions Part 1

Format	Color
Hex	9EC6BF
RGB	158, 198, 191
RGB Percent	62%, 78%, 75%
CMY	0.3797, 0.2228, 0.2502
CMYK	0.20, 0.00, 0.04, 0.22
HSL	169°, 26%, 70%
HSV	169°, 20%, 78%
XYZ	43.7982, 51.5317, 57.0363
YIQ	185.2420, -21.5930, -10.6570

Conversions

Conversions Part 2

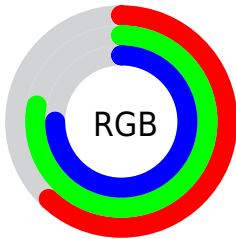
Format	Color
RYB	158, 180, 198
Decimal	10405567
CIELab	77.00, -14.66, -0.88
CIElCh	77, 14.691, 183.427
Yxy	51.5317, 0.2875, 0.3382
Android (android.graphics.Color)	4288595647 (0xFF9EC6BF)
YUV	185.2420, 2.8387, -23.8912
Hunter-Lab	71.7856, -16.7175, 3.1419

Details

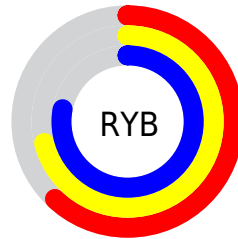
The CIELCh color **77, 14.691, 183.427** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 16.033, 7.166**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.916, 182.530**, and **57, 14.496, 184.296** is the 20% darker color. If you saturate the color by 10%, you get **76, 21.469, 182.466**, and if you desaturate by 10%, it is **78, 7.543, 184.356**.

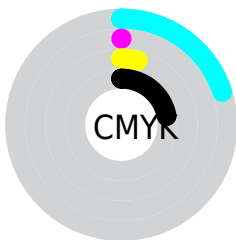
Distribution



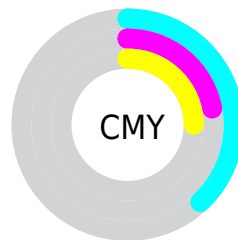
- Red (62%)
- Green (78%)
- Blue (75%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)




- Cyan (38%)
- Magenta (22%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 14.691, 183.427 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, 14.691, 183.427 by changing the saturation by 10% instead.

 77, 14.691,
183.427

 77, 14.691,
183.427


 100, 14.691,
183.427


 67, 14.691,
183.427


 97, 14.691,
183.427

 57, 14.691,
183.427

 47, 14.691,
183.427

 37, 14.691,
183.427

 27, 14.691,
183.427

 17, 14.691,
183.427

 7, 14.691, 183.427

0, 14.691, 183.427

77, 14.691,
183.427

77, 14.691,
183.427

76, 21.469,
182.466

78, 7.543, 184.356

75, 27.750,
181.460

80, 0.137, 188.918

82, 7.430, 5.918

74, 33.411,
180.386

83, 15.073, 6.760

73, 38.341,
179.224

85, 21.882, 6.930

85, 22.266, 2.365

73, 42.454,
177.954

85, 22.794,
357.991

72, 45.711,
176.552

85, 23.457,

■ 72, 48.132,
174.999

353.849

■ 72, 49.880,
173.357

■ 86, 24.243,
349.964

Harmonies

Complementary

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



77, 14.691, 183.427



69, 16.033, 7.166

Rectangle

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



77, 14.691, 183.427



77, 14.691, 233.427



77, 14.691, 3.427



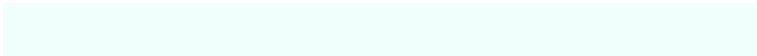
77, 14.691, 53.427

Sweetspot

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



77, 14.692, 183.422



99, 5.482, 184.760



77, 24.783, 138.298



53, 3.633, 184.691



0, 0.000, 0.000



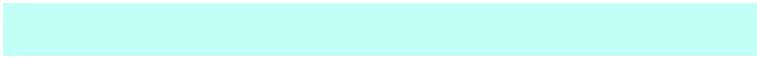
53, 0.007, 296.813

Same Dimension

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



77, 14.692, 183.422



96, 21.243, 183.028



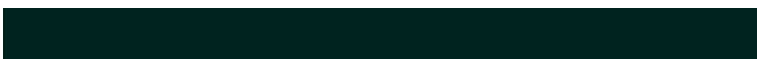
74, 11.525, 235.549



41, 4.216, 184.433



60, 43.051, 173.621



12, 14.859, 177.940

Inverse Universe

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



69, 16.033, 7.166



84, 23.640, 7.688



72, 12.883, 52.192



39, 4.387, 5.960



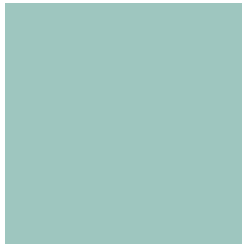
34, 67.314, 30.723



3, 16.117, 10.408

Previews

White Background



This preview shows how the CIELCh color 77, 14.691, 183.427 looks on a white background.

Color Contrast Check

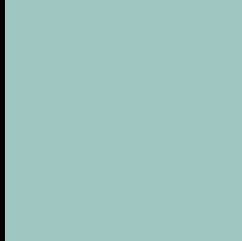
Large Text (above 18pt) WCAG AA × Fail

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, 14.691, 183.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

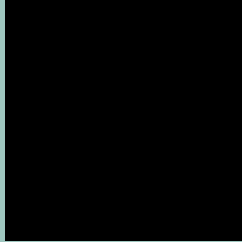
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

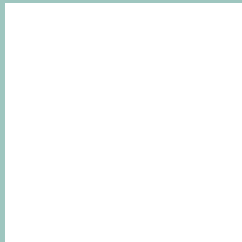
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 14.691, 183.427

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.691, 183.427.



This preview shows how white text looks on a background with the CIELCh color 77, 14.691, 183.427.

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](#).

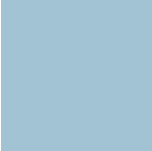
Dichromacy



Original Color
77, 14.691, 183.427

Protanopia
77, 2.447, 60.280

Deuteranopia
77, 9.801, 347.065



Tritanopia
77, 13.868, 237.247

Trichromacy



Original Color
77, 14.691, 183.427

Protanomaly
77, 4.593, 171.290

Deuteranomaly
77, 2.156, 290.406

Tritanomaly
77, 12.652, 218.547

Monochromacy



Original Color
77, 14.691, 183.427

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 5.728, 182.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 14.691, 183.427 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(158, 198, 191)` looks like.

```
.text, #text, p{  
    color:rgb(158, 198, 191)  
}
```

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(158, 198, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 198, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.691, 183.427 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(158, 198, 191) }
```

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

```
.border{ border-color:rgb(158, 198, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 198, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 198, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 198, 191);  
box-shadow:4px 4px 4px 4px rgb(158, 198,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.691, 183.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 198, 191) }
```

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

```
.background{ background-color: rgb(158,  
198, 191) }
```

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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