

Converting Colors

CIELCh(77, 16.218, 189.283)

Have a look what the booklet for
CIELCh(77, 16.218, 189.283)
contains.

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Color

CIELCh(77, 16.281, 188.652)

Conversions

Conversions Part 1

Format	Color
Hex	99C7C2
RGB	153, 199, 194
RGB Percent	60%, 78%, 76%
CMY	0.3999, 0.2195, 0.2391
CMYK	0.23, 0.00, 0.03, 0.22
HSL	173°, 29%, 69%
HSV	173°, 23%, 78%
XYZ	43.3131, 51.5317, 58.7199
YIQ	184.6760, -25.8110, -11.3070

Conversions

Conversions Part 2

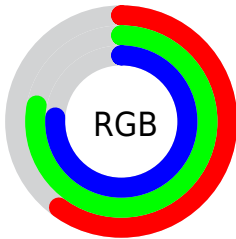
Format	Color
RYB	153, 177, 199
Decimal	10078146
CIELab	77.00, -16.10, -2.45
CIElCh	77, 16.281, 188.652
Yxy	51.5317, 0.2821, 0.3356
Android (android.graphics.Color)	4288268226 (0xFF99C7C2)
YUV	184.6760, 4.5967, -27.7799
Hunter-Lab	71.7856, -17.9237, 1.7513

Details

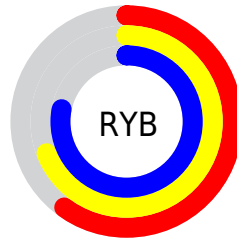
The CIELCh color **77, 16.281, 188.652** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 18.374, 12.646**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 16.040, 189.208**, and **57, 16.241, 187.689** is the 20% darker color. If you saturate the color by 10%, you get **76, 22.641, 187.823**, and if you desaturate by 10%, it is **78, 9.457, 189.469**.

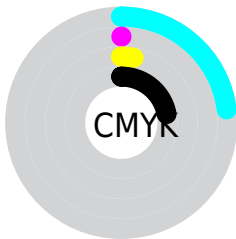
Distribution



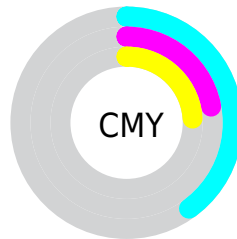
- Red (60%)
- Green (78%)
- Blue (76%)



- Red (60%)
- Yellow (69%)
- Blue (78%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)





- Cyan (40%)
- Magenta (22%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 16.281, 188.652 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, 16.281, 188.652 by changing the saturation by 10% instead.


 77, 16.281,
188.652


 77, 16.281,
188.652


 100, 16.281,
188.652


 67, 16.281,
188.652


 97, 16.281,
188.652

 57, 16.281,
188.652

 47, 16.281,
188.652

 37, 16.281,
188.652

 27, 16.281,
188.652

 17, 16.281,
188.652

 7, 16.281, 188.652

0, 16.281, 188.652

77, 16.281,
188.652

77, 16.281,
188.652

76, 22.641,
187.823

78, 9.457, 189.469

75, 28.413,
186.978

80, 2.285, 190.429

81, 5.130, 10.864

74, 33.480,
186.100

83, 12.695, 11.687

73, 37.744,
185.176

85, 20.336, 12.451

85, 21.372, 9.912

73, 41.141,
184.187

85, 21.536, 6.946

73, 43.656,
183.116

85, 21.759, 4.035

■ 72, 45.338,
181.944

■ 85, 22.041, 1.193

■ 72, 46.162,
181.095

Harmonies

Complementary

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



77, 16.281, 188.652



68, 18.374, 12.646

Rectangle

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



77, 16.281, 188.652



77, 16.281, 238.652



77, 16.281, 8.652



77, 16.281, 58.652

Sweetspot

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



77, 16.282, 188.648



99, 6.243, 189.988



76, 29.096, 139.958



53, 4.052, 189.932



0, 0.000, 0.000



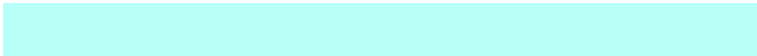
53, 0.007, 296.813

Same Dimension

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



77, 16.282, 188.648



95, 23.761, 188.212



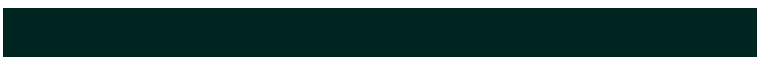
72, 13.422, 244.726



41, 4.117, 189.784



60, 39.767, 181.290



12, 14.012, 184.352

Inverse Universe

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



68, 18.374, 12.646



81, 27.647, 13.326



72, 14.939, 59.649



39, 4.315, 11.158



34, 70.280, 34.935



3, 15.983, 13.784

Previews

White Background



This preview shows how the CIELCh color 77, 16.281, 188.652 looks on a white background.

Color Contrast Check

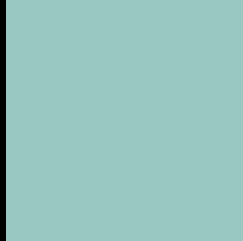
Large Text (above 18pt) WCAG AA × Fail

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, 16.281, 188.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

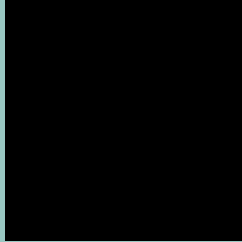
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

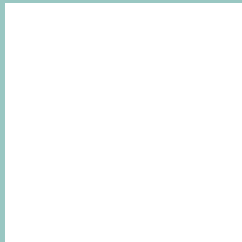
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 16.281, 188.652

Background



This preview shows how black text looks on a background with the CIELCh color 77, 16.281, 188.652.

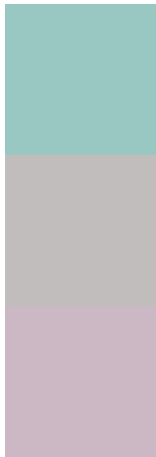


This preview shows how white text looks on a background with the CIELCh color 77, 16.281, 188.652.

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, 16.281, 188.652

Protanopia
77, 1.572, 39.088

Deuteranopia
77, 10.192, 337.048



Tritanopia
77, 15.383, 232.768

Trichromacy



Original Color
77, 16.281, 188.652

Protanomaly
77, 5.712, 182.653

Deuteranomaly
76, 4.013, 269.406

Tritanomaly
77, 14.460, 215.834

Monochromacy



Original Color
77, 16.281, 188.652

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 6.281, 189.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 16.281, 188.652 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(153, 199, 194)` looks like.

```
.text, #text, p{  
    color:rgb(153, 199, 194)  
}
```

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(153, 199, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 199, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 16.281, 188.652 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(153, 199, 194) }
```

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

```
.border{ border-color:rgb(153, 199, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 199, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 199, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 199, 194);  
box-shadow:4px 4px 4px 4px rgb(153, 199,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 16.281, 188.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 199, 194) }
```

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

```
.background{ background-color: rgb(153,  
199, 194) }
```

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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