

Converting Colors

CIELCh(78, 12.675, 172.364)

Have a look what the booklet for
CIELCh(78, 12.675, 172.364)
contains.

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Color

CIELCh(78, 13.027, 171.542)

Conversions

Conversions Part 1

Format	Color
Hex	A8C8BD
RGB	168, 200, 189
RGB Percent	66%, 78%, 74%
CMY	0.3418, 0.2163, 0.2594
CMYK	0.16, 0.00, 0.06, 0.22
HSL	159°, 22%, 72%
HSV	159°, 16%, 78%
XYZ	45.9029, 53.2120, 55.9081
YIQ	189.1780, -15.5410, -10.2050

Conversions

Conversions Part 2

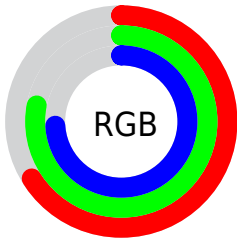
Format	Color
RYB	168, 187, 200
Decimal	11061437
CIELab	78.00, -12.89, 1.92
CIElCh	78, 13.027, 171.542
Yxy	53.2120, 0.2961, 0.3433
Android (android.graphics.Color)	4289251517 (0xFFA8C8BD)
YUV	189.1780, -0.0878, -18.5731
Hunter-Lab	72.9466, -15.3321, 5.6212

Details

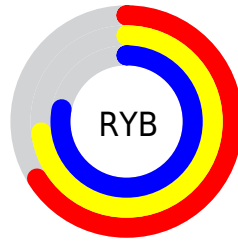
The CIELCh color **78, 13.027, 171.542** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 13.546, 354.524**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 12.229, 173.966**, and **58, 12.806, 171.814** is the 20% darker color. If you saturate the color by 10%, you get **77, 20.947, 170.490**, and if you desaturate by 10%, it is **80, 4.918, 172.550**.

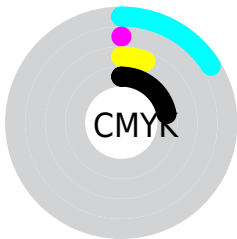
Distribution



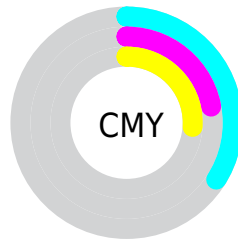
- Red (66%)
- Green (78%)
- Blue (74%)



- Red (66%)
- Yellow (73%)
- Blue (78%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)





- Cyan (34%)
- Magenta (22%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 13.027, 171.542 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 78, 13.027, 171.542 by changing the saturation by 10% instead.


 78, 13.027,
171.542


 78, 13.027,
171.542


 100, 13.027,
171.542


 68, 13.027,
171.542


 98, 13.027,
171.542

 58, 13.027,
171.542

 48, 13.027,
171.542

 38, 13.027,
171.542

 28, 13.027,
171.542

 18, 13.027,
171.542

 8, 13.027, 171.542

■ 0, 13.027, 171.542

■ 78, 13.027,
171.542

■ 78, 13.027,
171.542

■ 77, 20.947,
170.490

■ 80, 4.918, 172.550

■ 81, 3.279, 353.201

■ 75, 28.549,
169.351

■ 83, 11.476,
354.130

■ 74, 35.701,
168.096

■ 85, 19.604,
354.928

■ 73, 42.266,
166.701

■ 86, 23.480,
350.075

■ 73, 48.126,
165.139

■ 86, 25.355,
342.981

■ 72, 53.196,
163.389

■ 86, 27.586,

■ 72, 57.449,
161.433

336.997

■ 72, 60.938,
159.280

■ 87, 30.090,
332.008

■ 71, 62.223,
158.419

■ 87, 32.803,
327.864

Harmonies

Complementary

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



78, 13.027, 171.542



72, 13.546, 354.524

Rectangle

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



78, 13.027, 171.542



78, 13.027, 221.542



78, 13.027, 351.542



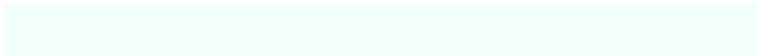
78, 13.027, 41.542

Sweetspot

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



78, 13.029, 171.538



99, 4.986, 172.653



78, 18.813, 133.442



53, 3.401, 172.574



0, 0.000, 0.000



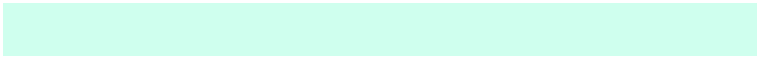
53, 0.007, 296.813

Same Dimension

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



78, 13.029, 171.538



96, 18.789, 171.204



77, 9.817, 214.042



41, 4.616, 172.203



59, 53.208, 158.779



11, 17.457, 164.654

Inverse Universe

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



72, 13.546, 354.524



87, 19.695, 354.891



73, 10.913, 33.928



39, 4.724, 353.814



34, 61.523, 16.488



4, 16.720, 1.974

Previews

White Background



This preview shows how the CIELCh color 78, 13.027, 171.542 looks on a white background.

Color Contrast Check

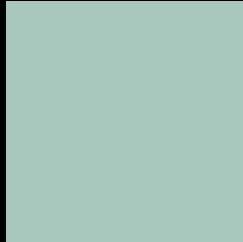
Large Text (above 18pt) WCAG AA × Fail

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 78, 13.027, 171.542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

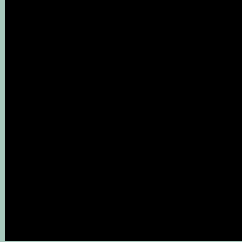
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

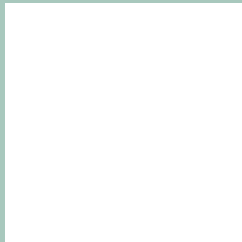
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 13.027, 171.542

Background



This preview shows how black text looks on a background with the CIELCh color 78, 13.027, 171.542.

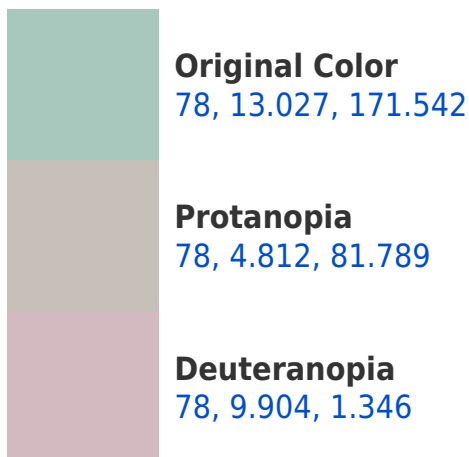


This preview shows how white text looks on a background with the CIELCh color 78, 13.027, 171.542.

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
78, 11.712, 246.242

Trichromacy



Original Color
78, 13.027, 171.542

Protanomaly
78, 5.673, 141.215

Deuteranomaly
78, 1.481, 19.163

Tritanomaly
78, 10.038, 220.826

Monochromacy



Original Color
78, 13.027, 171.542

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 4.912, 173.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 13.027, 171.542 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(168, 200, 189)` looks like.

```
.text, #text, p{  
    color:rgb(168, 200, 189)  
}
```

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(168, 200, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 200, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 13.027, 171.542 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(168, 200, 189) }
```

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

```
.border{ border-color:rgb(168, 200, 189) }
```

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

Here you see how a box with a 4 pixel rgb(168, 200, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 200, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 200, 189);  
box-shadow:4px 4px 4px 4px rgb(168, 200,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 13.027, 171.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 200, 189) }
```

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

```
.background{ background-color: rgb(168,  
200, 189) }
```

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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