

Converting Colors

CIELCh(78, 27.371, 136.409)

Have a look what the booklet for
CIELCh(78, 27.371, 136.409)
contains.

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Color

CIELCh(78, 27.264, 136.402)

Conversions

Conversions Part 1

Format	Color
Hex	A8CA9D
RGB	168, 202, 157
RGB Percent	66%, 79%, 62%
CMY	0.3398, 0.2065, 0.3830
CMYK	0.17, 0.00, 0.22, 0.21
HSL	105°, 30%, 71%
HSV	105°, 22%, 79%
XYZ	43.5369, 53.2120, 40.0236
YIQ	186.7040, -5.8190, -21.2030

Conversions

Conversions Part 2

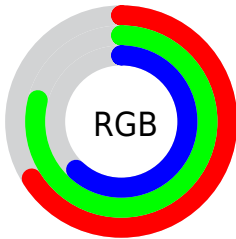
Format	Color
RYB	157, 202, 191
Decimal	11061917
CIELab	78.00, -19.74, 18.80
CIElCh	78, 27.264, 136.402
Yxy	53.2120, 0.3183, 0.3891
Android (android.graphics.Color)	4289251997 (0xFFA8CA9D)
YUV	186.7040, -14.6441, -16.4034
Hunter-Lab	72.9466, -21.1217, 18.5319

Details

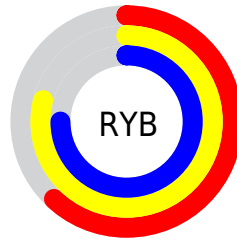
The CIELCh color **78, 27.264, 136.402** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 27.625, 318.420**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 24.653, 135.627**, and **58, 27.205, 136.969** is the 20% darker color. If you saturate the color by 10%, you get **77, 39.483, 135.831**, and if you desaturate by 10%, it is **79, 14.970, 136.925**.

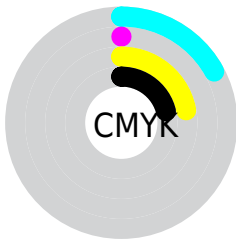
Distribution



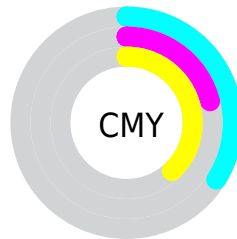
- Red (66%)
- Green (79%)
- Blue (62%)



- Red (62%)
- Yellow (79%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)





- Cyan (34%)
- Magenta (21%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 27.264, 136.402 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, 27.264, 136.402 by changing the saturation by 10% instead.

 78, 27.264,
136.402

 78, 27.264,
136.402


 100, 27.264,
136.402


 68, 27.264,
136.402


 98, 27.264,
136.402

 58, 27.264,
136.402

 48, 27.264,
136.402

 38, 27.264,
136.402

 28, 27.264,
136.402

 18, 27.264,
136.402

 8, 27.264, 136.402

0, 27.264, 136.402

78, 27.264,
136.402

78, 27.264,
136.402

77, 39.483,
135.831

79, 14.970,
136.925

75, 51.439,
135.221

81, 2.725, 137.443

74, 62.887,
134.607

83, 9.374, 317.750

74, 73.487,
134.046

85, 21.265,
318.108

73, 82.794,
133.635

87, 31.299,
319.912

72, 90.286,
133.497

87, 33.019,
325.573

■ 72, 95.501,
133.749

■ 72, 98.133,
134.132

Harmonies

Complementary

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



78, 27.264, 136.402



69, 27.625, 318.420

Rectangle

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



78, 27.264, 136.402



78, 27.264, 186.402



78, 27.264, 316.402



78, 27.264, 6.402

Sweetspot

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



78, 27.266, 136.403



99, 10.294, 137.178



77, 18.541, 94.555



52, 6.691, 137.148



0, 0.000, 0.000



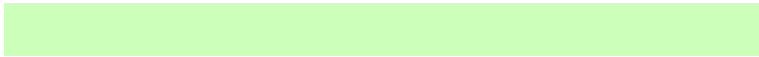
53, 0.007, 296.813

Same Dimension

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



78, 27.266, 136.403



95, 39.923, 136.116



78, 24.672, 150.709



42, 6.969, 137.066



60, 84.442, 133.974



12, 26.691, 137.874

Inverse Universe

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



69, 27.625, 318.420



82, 40.563, 318.644



70, 24.825, 333.812



40, 7.016, 317.848



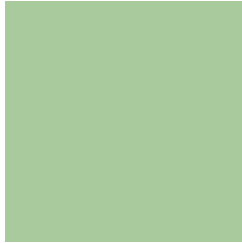
32, 85.871, 319.242



4, 26.491, 317.426

Previews

White Background



This preview shows how the CIELCh color 78, 27.264, 136.402 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, 27.264, 136.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

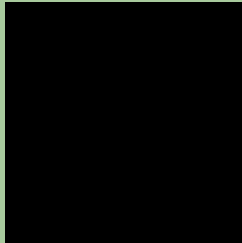
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 27.264, 136.402

Background



This preview shows how black text looks on a background with the CIELCh color 78, 27.264, 136.402.



This preview shows how white text looks on a background with the CIELCh color 78, 27.264, 136.402.

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


78, 27.264, 136.402

Protanopia

78, 21.914, 94.430

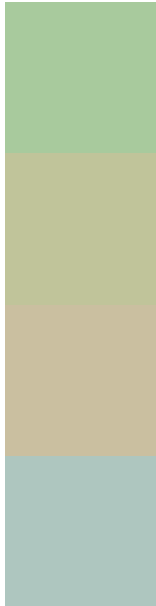
Deuteranopia

78, 19.725, 60.376



Tritanopia
78, 10.463, 254.365

Trichromacy



Original Color
78, 27.264, 136.402

Protanomaly
78, 22.328, 112.170

Deuteranomaly
77, 17.090, 93.905

Tritanomaly
78, 9.503, 175.469

Monochromacy



Original Color
78, 27.264, 136.402

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 10.370, 137.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 27.264, 136.402 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, 202, 157)` looks like.

```
.text, #text, p{  
    color:rgb(168, 202, 157)  
}
```

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, 202, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 202, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 27.264, 136.402 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, 202, 157) }
```

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

```
.border{ border-color:rgb(168, 202, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 202, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 202, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 202, 157);  
box-shadow:4px 4px 4px 4px rgb(168, 202,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 27.264, 136.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 202, 157) }
```

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

```
.background{ background-color: rgb(168,  
202, 157) }
```

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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