

Converting Colors

CIELCh(78, 22.793, 156.071)

Have a look what the booklet for
CIELCh(78, 22.793, 156.071)
contains.

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Color

CIELCh(78, 22.635, 156.379)

Conversions

Conversions Part 1

Format	Color
Hex	9DCBAF
RGB	157, 203, 175
RGB Percent	62%, 80%, 69%
CMY	0.3828, 0.2024, 0.3122
CMYK	0.23, 0.00, 0.14, 0.20
HSL	143°, 31%, 71%
HSV	143°, 23%, 80%
XYZ	43.2010, 53.2120, 48.7461
YIQ	186.0540, -18.4280, -18.4600

Conversions

Conversions Part 2

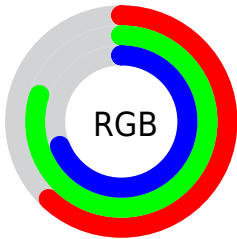
Format	Color
RYB	157, 190, 203
Decimal	10341295
CIELab	78.00, -20.74, 9.07
CIELCh	78, 22.635, 156.379
Yxy	53.2120, 0.2976, 0.3666
Android (android.graphics.Color)	4288531375 (0xFF9DCBAF)
YUV	186.0540, -5.4496, -25.4804
Hunter-Lab	72.9466, -21.9439, 11.4424

Details

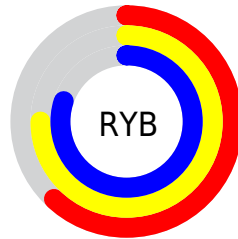
The CIELCh color **78, 22.635, 156.379** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 22.998, 339.990**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 19.515, 159.255**, and **58, 22.564, 156.566** is the 20% darker color. If you saturate the color by 10%, you get **77, 32.508, 155.366**, and if you desaturate by 10%, it is **80, 12.627, 157.277**.

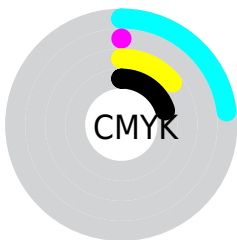
Distribution



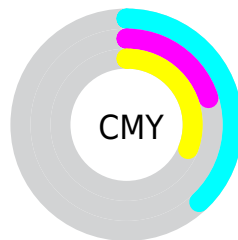
- Red (62%)
- Green (80%)
- Blue (69%)



- Red (62%)
- Yellow (75%)
- Blue (80%)



- Cyan (23%)
- Magenta (0%)
- Yellow (14%)
- Black (20%)





- Cyan (38%)
- Magenta (20%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 22.635, 156.379 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, 22.635, 156.379 by changing the saturation by 10% instead.


 78, 22.635,
156.379


 78, 22.635,
156.379


 100, 22.635,
156.379


 68, 22.635,
156.379


 98, 22.635,
156.379

 58, 22.635,
156.379

 48, 22.635,
156.379

 38, 22.635,
156.379

 28, 22.635,
156.379

 18, 22.635,
156.379

 8, 22.635, 156.379

■ 0, 22.635, 156.379

■ 78, 22.635,
156.379

■ 78, 22.635,
156.379

■ 77, 32.508,
155.366

■ 80, 12.627,
157.277

■ 75, 42.084,
154.213

■ 81, 2.609, 158.175

■ 74, 51.189,
152.895

■ 83, 7.311, 338.681

■ 85, 17.057,
339.340

■ 74, 59.648,
151.391

■ 87, 25.519,
337.582

■ 73, 67.303,
149.686

■ 88, 30.167,
328.551

■ 72, 74.040,
147.781

■ 88, 32.364,

■ 72, 79.813,
145.705

325.550

■ 72, 83.549,
144.155

Harmonies

Complementary

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



78, 22.635, 156.379



70, 22.998, 339.990

Rectangle

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



78, 22.635, 156.379



78, 22.635, 206.379



78, 22.635, 336.379



78, 22.635, 26.379

Sweetspot

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



78, 22.637, 156.378



98, 8.393, 157.746



79, 25.251, 123.737



52, 5.455, 157.694



0, 0.000, 0.000



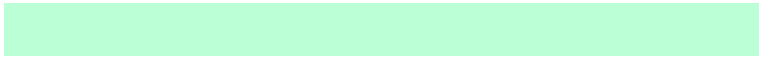
53, 0.007, 296.813

Same Dimension

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



78, 22.637, 156.378



95, 32.412, 155.915



79, 16.291, 188.012



42, 5.681, 157.551



59, 71.214, 144.500



12, 23.229, 151.129

Inverse Universe

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



70, 22.998, 339.990



83, 33.020, 340.411



69, 18.294, 11.974



40, 5.725, 338.887



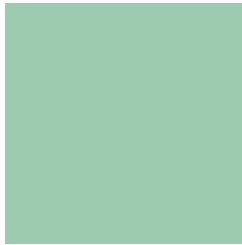
36, 63.648, 351.877



4, 21.242, 346.569

Previews

White Background



This preview shows how the CIELCh color 78, 22.635, 156.379 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, 22.635, 156.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

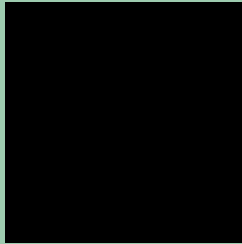
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

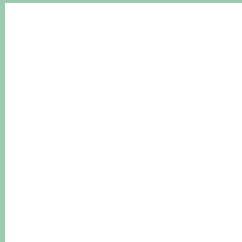
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 22.635, 156.379

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.635, 156.379.

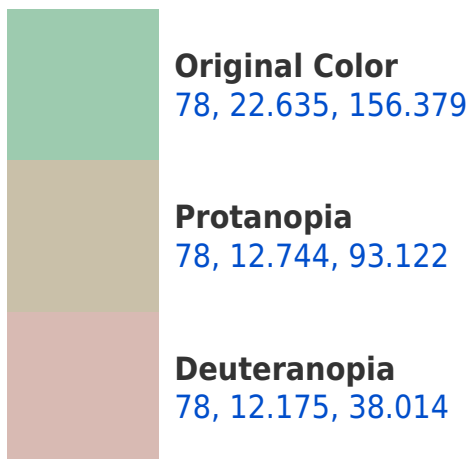


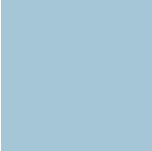
This preview shows how white text looks on a background with the CIELCh color 78, 22.635, 156.379.

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, 13.841, 237.208

Trichromacy



Original Color
78, 22.635, 156.379

Protanomaly
78, 13.991, 126.354

Deuteranomaly
78, 7.550, 100.802

Tritanomaly
78, 13.214, 198.451

Monochromacy



Original Color
78, 22.635, 156.379

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.036, 156.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.635, 156.379 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(157, 203, 175)` looks like.

```
.text, #text, p{  
    color:rgb(157, 203, 175)  
}
```

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(157, 203, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 203, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.635, 156.379 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(157, 203, 175) }
```

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

```
.border{ border-color:rgb(157, 203, 175) }
```

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

Here you see how a box with a 4 pixel rgb(157, 203, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 203, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 203, 175);  
box-shadow:4px 4px 4px 4px rgb(157, 203,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.635, 156.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 203, 175) }
```

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

```
.background{ background-color: rgb(157,  
203, 175) }
```

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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