

Converting Colors

CIELCh(78, 26.332, 151.763)

Have a look what the booklet for
CIELCh(78, 26.332, 151.763)
contains.

CIELCh(78, 26.104, 151.884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 26.104, 151.884)

Conversions

Conversions Part 1

Format	Color
Hex	9BCCA9
RGB	155, 204, 169
RGB Percent	61%, 80%, 66%
CMY	0.3910, 0.1987, 0.3360
CMYK	0.24, 0.00, 0.17, 0.20
HSL	137°, 33%, 71%
HSV	137°, 24%, 80%
XYZ	42.4352, 53.2120, 45.7215
YIQ	185.3590, -17.9690, -21.2730

Conversions

Conversions Part 2

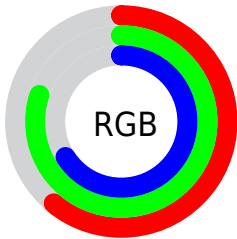
Format	Color
RYB	155, 193, 204
Decimal	10210473
CIELab	78.00, -23.02, 12.30
CIELCh	78, 26.104, 151.884
Yxy	53.2120, 0.3002, 0.3764
Android (android.graphics.Color)	4288400553 (0xFF9BCCA9)
YUV	185.3590, -8.0650, -26.6248
Hunter-Lab	72.9466, -23.8177, 13.9007

Details

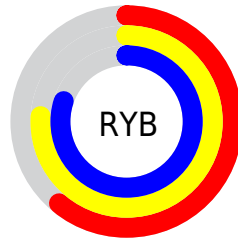
The CIELCh color **78, 26.104, 151.884** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 26.326, 335.376**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.544, 153.417**, and **58, 26.221, 151.721** is the 20% darker color. If you saturate the color by 10%, you get **77, 36.874, 150.910**, and if you desaturate by 10%, it is **80, 15.201, 152.735**.

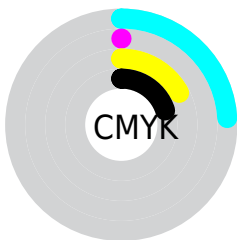
Distribution



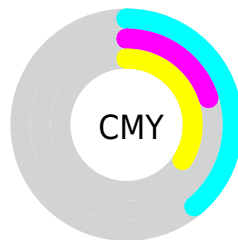
- Red (61%)
- Green (80%)
- Blue (66%)



- Red (61%)
- Yellow (76%)
- Blue (80%)



- Cyan (24%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)




- Cyan (39%)
- Magenta (20%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 26.104, 151.884 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, 26.104, 151.884 by changing the saturation by 10% instead.

 78, 26.104,
151.884

 78, 26.104,
151.884

 100, 26.104,
151.884


 68, 26.104,
151.884


 98, 26.104,
151.884

 58, 26.104,
151.884

 48, 26.104,
151.884

 38, 26.104,
151.884

 28, 26.104,
151.884

 18, 26.104,
151.884

 8, 26.104, 151.884

0, 26.104, 151.884

78, 26.104,
151.884

78, 26.104,
151.884

77, 36.874,
150.910

80, 15.201,
152.735

75, 47.326,
149.789

81, 4.307, 153.525

74, 57.259,
148.500

83, 6.460, 334.036

73, 66.459,
147.032

85, 17.017,
334.636

73, 74.727,
145.382

87, 26.724,
333.696

72, 81.899,
143.576

88, 31.780,
325.530

■ 72, 87.866,
141.673

■ 72, 90.927,
140.577

Harmonies

Complementary

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



78, 26.104, 151.884



70, 26.326, 335.376

Rectangle

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



78, 26.104, 151.884



78, 26.104, 201.884



78, 26.104, 331.884



78, 26.104, 21.884

Sweetspot

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



78, 26.106, 151.883



98, 9.073, 153.273



80, 26.374, 119.751



52, 5.897, 153.226



0, 0.000, 0.000



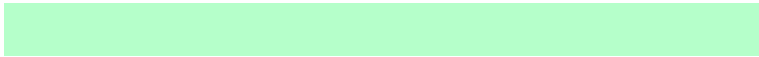
53, 0.007, 296.813

Same Dimension

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



78, 26.106, 151.883



94, 37.736, 151.376



79, 18.160, 179.779



42, 6.143, 153.095



59, 77.277, 140.886



12, 24.823, 148.267

Inverse Universe

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



70, 26.326, 335.376



82, 38.095, 335.789



69, 19.927, 4.509



40, 6.172, 334.310



37, 67.590, 343.674



4, 22.995, 339.920

Previews

White Background



This preview shows how the CIELCh color 78, 26.104, 151.884 looks on a white background.

Color Contrast Check

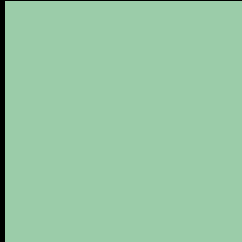
Large Text (above 18pt) WCAG AA × Fail

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, 26.104, 151.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

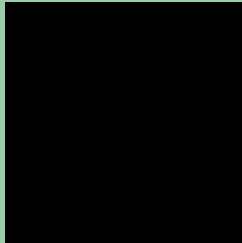
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 26.104, 151.884

Background



This preview shows how black text looks on a background with the CIELCh color 78, 26.104, 151.884.

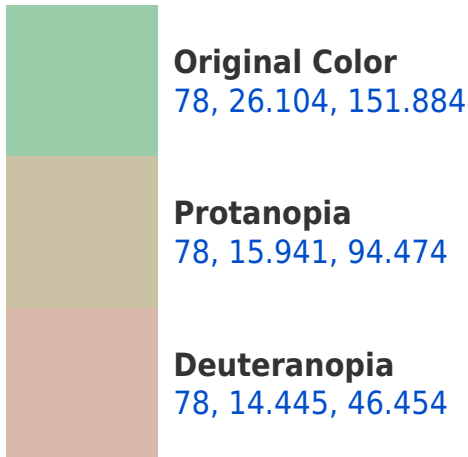


This preview shows how white text looks on a background with the CIELCh color 78, 26.104, 151.884.

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, 14.092, 236.391

Trichromacy



Original Color
78, 26.104, 151.884

Protanomaly
78, 17.056, 123.018

Deuteranomaly
77, 10.728, 103.015

Tritanomaly
78, 13.673, 193.890

Monochromacy



Original Color
78, 26.104, 151.884

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 9.710, 152.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 26.104, 151.884 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(155, 204, 169)` looks like.

```
.text, #text, p{  
    color:rgb(155, 204, 169)  
}
```

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(155, 204, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 204, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 26.104, 151.884 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(155, 204, 169) }
```

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

```
.border{ border-color:rgb(155, 204, 169) }
```

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

Here you see how a box with a 4 pixel rgb(155, 204, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 204, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 204, 169);  
box-shadow:4px 4px 4px 4px rgb(155, 204,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 26.104, 151.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 204, 169) }
```

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

```
.background{ background-color: rgb(155,  
204, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor