

Converting Colors

CIELCh(79, 26.263, 162.783)

Have a look what the booklet for
CIELCh(79, 26.263, 162.783)
contains.

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Color

CIELCh(79, 26.241, 162.779)

Conversions

Conversions Part 1

Format	Color
Hex	94D0B4
RGB	148, 208, 180
RGB Percent	58%, 82%, 71%
CMY	0.4182, 0.1829, 0.2927
CMYK	0.29, 0.00, 0.13, 0.18
HSL	152°, 39%, 70%
HSV	152°, 29%, 82%
XYZ	43.1957, 54.9284, 51.6947
YIQ	186.8680, -26.7720, -21.4280

Conversions

Conversions Part 2

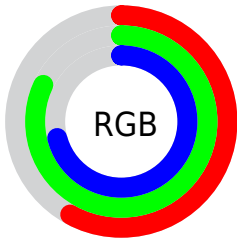
Format	Color
RYB	148, 187, 208
Decimal	9752756
CIELab	79.00, -25.06, 7.77
CIELCh	79, 26.241, 162.779
Yxy	54.9284, 0.2883, 0.3666
Android (android.graphics.Color)	4287942836 (0xFF94D0B4)
YUV	186.8680, -3.3859, -34.0872
Hunter-Lab	74.1137, -25.6639, 10.5245

Details

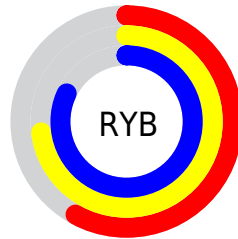
The CIELCh color **79, 26.241, 162.779** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 27.364, 348.237**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.442, 169.661**, and **59, 26.217, 162.851** is the 20% darker color. If you saturate the color by 10%, you get **78, 34.951, 161.615**, and if you desaturate by 10%, it is **80, 17.241, 163.822**.

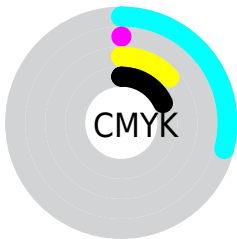
Distribution



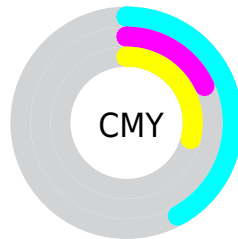
- Red (58%)
- Green (82%)
- Blue (71%)



- Red (58%)
- Yellow (73%)
- Blue (82%)



- Cyan (29%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)





- Cyan (42%)
- Magenta (18%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 26.241, 162.779 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 79, 26.241, 162.779 by changing the saturation by 10% instead.


 79, 26.241,
162.779

 79, 26.241,
162.779


 100, 26.241,
162.779


 69, 26.241,
162.779


 99, 26.241,
162.779

 59, 26.241,
162.779

 49, 26.241,
162.779

 39, 26.241,
162.779

 29, 26.241,
162.779

 19, 26.241,
162.779

 9, 26.241, 162.779

■ 0, 26.241, 162.779

■ 79, 26.241,
162.779

■ 79, 26.241,
162.779

■ 78, 34.951,
161.615

■ 80, 17.241,
163.822

■ 77, 43.214,
160.308

■ 82, 8.086, 164.783

■ 76, 50.877,
158.831

■ 84, 1.106, 345.187

■ 86, 10.240,
346.310

■ 75, 57.805,
157.159

■ 88, 19.245,
347.046

■ 75, 63.901,
155.278

■ 88, 22.938,
337.699

■ 74, 69.138,
153.184

■ 89, 26.548,

■ 74, 73.618,
150.935

329.636

■ 74, 74.135,
150.674

■ 89, 29.234,
325.442

Harmonies

Complementary

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



79, 26.241, 162.779



68, 27.364, 348.237

Rectangle

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



79, 26.241, 162.779



79, 26.241, 212.779



79, 26.241, 342.779



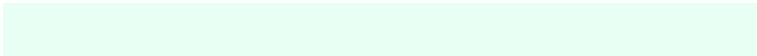
79, 26.241, 32.779

Sweetspot

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



79, 26.242, 162.778



98, 9.739, 164.754



80, 33.754, 128.325



52, 6.768, 164.615



0, 0.000, 0.000



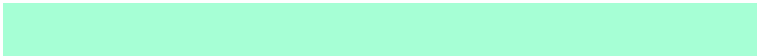
53, 0.007, 296.813

Same Dimension

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



79, 26.242, 162.778



94, 37.307, 162.025



79, 19.667, 199.573



43, 5.227, 164.725



61, 62.769, 151.051



13, 21.665, 156.479

Inverse Universe

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



68, 27.364, 348.237



78, 39.252, 349.031



67, 23.964, 22.993



41, 5.303, 346.241



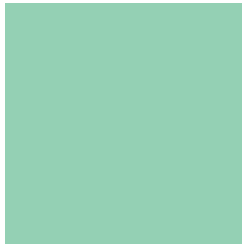
36, 61.880, 4.832



5, 21.500, 356.063

Previews

White Background



This preview shows how the CIELCh color 79, 26.241, 162.779 looks on a white background.

Color Contrast Check

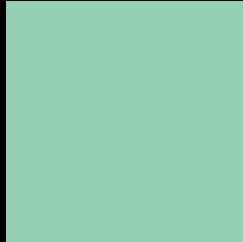
Large Text (above 18pt) WCAG AA × Fail

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 79, 26.241, 162.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

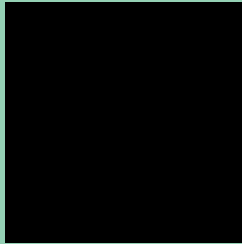
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

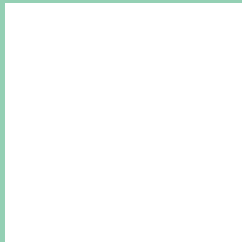
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 26.241, 162.779

Background



This preview shows how black text looks on a background with the CIELCh color 79, 26.241, 162.779.

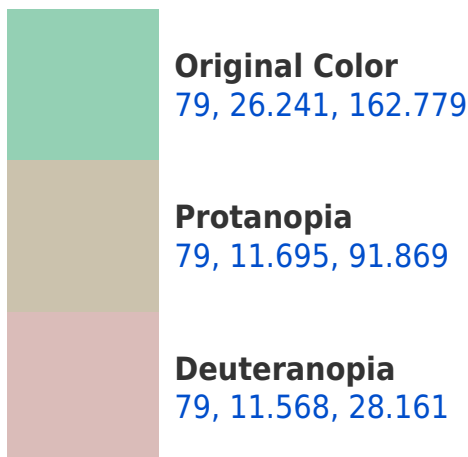


This preview shows how white text looks on a background with the CIELCh color 79, 26.241, 162.779.

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
79, 17.403, 228.047

Trichromacy



Original Color
79, 26.241, 162.779

Protanomaly
78, 13.690, 135.110

Deuteranomaly
78, 6.442, 116.269

Tritanomaly
79, 17.617, 198.139

Monochromacy



Original Color
79, 26.241, 162.779

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 9.734, 165.240

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 26.241, 162.779 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(148, 208, 180)` looks like.

```
.text, #text, p{  
    color:rgb(148, 208, 180)  
}
```

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(148, 208, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 208, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 26.241, 162.779 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(148, 208, 180) }
```

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

```
.border{ border-color:rgb(148, 208, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 208, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 208, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 208, 180);  
box-shadow:4px 4px 4px 4px rgb(148, 208,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 26.241, 162.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 208, 180) }
```

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

```
.background{ background-color: rgb(148,  
208, 180) }
```

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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