

Converting Colors

CIELCh(79, 27.102, 162.667)

Have a look what the booklet for
CIELCh(79, 27.102, 162.667)
contains.

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Color

CIELCh(79, 27.094, 162.629)

Conversions

Conversions Part 1

Format	Color
Hex	93D1B4
RGB	147, 209, 180
RGB Percent	58%, 82%, 71%
CMY	0.4246, 0.1815, 0.2952
CMYK	0.30, 0.00, 0.14, 0.18
HSL	152°, 40%, 70%
HSV	152°, 30%, 82%
XYZ	42.9287, 54.9284, 51.3771
YIQ	187.1560, -27.6430, -22.1630

Conversions

Conversions Part 2

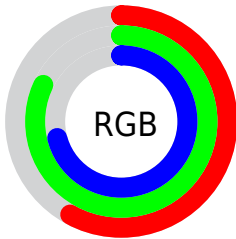
Format	Color
RYB	147, 187, 209
Decimal	9687476
CIELab	79.00, -25.86, 8.09
CIElCh	79, 27.094, 162.629
Yxy	54.9284, 0.2877, 0.3681
Android (android.graphics.Color)	4287877556 (0xFF93D1B4)
YUV	187.1560, -3.5279, -35.2168
Hunter-Lab	74.1137, -26.3069, 10.7786

Details

The CIELCh color **79, 27.094, 162.629** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 28.284, 348.286**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.727, 170.061**, and **59, 27.086, 162.626** is the 20% darker color. If you saturate the color by 10%, you get **78, 35.790, 161.453**, and if you desaturate by 10%, it is **80, 18.095, 163.681**.

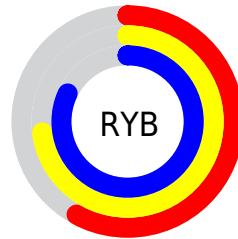
Distribution



Red (58%)

Green (82%)

Blue (71%)



Red (58%)

Yellow (73%)

Blue (82%)

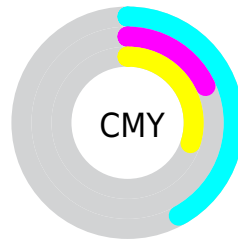


Cyan (30%)

Magenta (0%)

Yellow (14%)

Black (18%)



Cyan (42%)

Magenta (18%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 27.094, 162.629 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, 27.094, 162.629 by changing the saturation by 10% instead.

 79, 27.094,
162.629

 79, 27.094,
162.629

 100, 27.094,
162.629


 69, 27.094,
162.629

 99, 27.094,
162.629

 59, 27.094,
162.629

 49, 27.094,
162.629

 39, 27.094,
162.629

 29, 27.094,
162.629

 19, 27.094,
162.629

 9, 27.094, 162.629

■ 0, 27.094, 162.629

■ 79, 27.094,
162.629

■ 79, 27.094,
162.629

■ 78, 35.790,
161.453

■ 80, 18.095,
163.681

■ 77, 44.024,
160.132

■ 82, 8.929, 164.646

■ 76, 51.645,
158.638

■ 84, 0.283, 343.926

■ 86, 9.443, 346.187

■ 75, 58.518,
156.948

■ 88, 18.480,
346.930

■ 75, 64.553,
155.047

■ 88, 22.579,
338.206

■ 74, 69.729,
152.934

■ 89, 26.177,
329.929

■ 74, 74.179,
150.687

■ 89, 29.008,
325.434

■ 74, 74.309,
150.622

Harmonies

Complementary

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



79, 27.094, 162.629



68, 28.284, 348.286

Rectangle

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



79, 27.094, 162.629



79, 27.094, 212.629



79, 27.094, 342.629



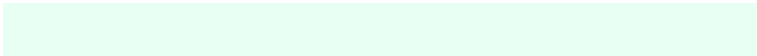
79, 27.094, 32.629

Sweetspot

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



79, 27.095, 162.628



98, 9.746, 164.702



80, 34.844, 128.281



52, 6.772, 164.563



0, 0.000, 0.000



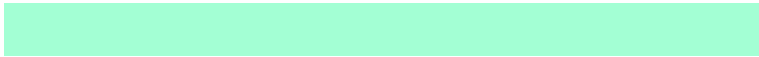
53, 0.007, 296.813

Same Dimension

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



79, 27.095, 162.628



93, 38.352, 161.854



79, 20.237, 199.540



43, 5.230, 164.674



61, 62.831, 151.001



13, 21.684, 156.430

Inverse Universe

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



68, 28.284, 348.286



77, 40.395, 349.103



67, 24.830, 23.094



41, 5.307, 346.189



36, 61.884, 4.744



5, 21.508, 356.005

Previews

White Background



This preview shows how the CIELCh color 79, 27.094, 162.629 looks on a white background.

Color Contrast Check

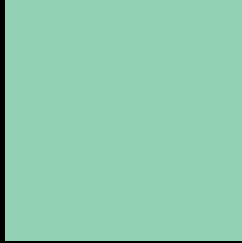
Large Text (above 18pt) WCAG AA × Fail

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, 27.094, 162.629 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

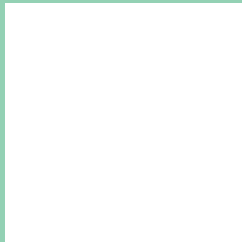
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 27.094, 162.629

Background



This preview shows how black text looks on a background with the CIELCh color 79, 27.094, 162.629.

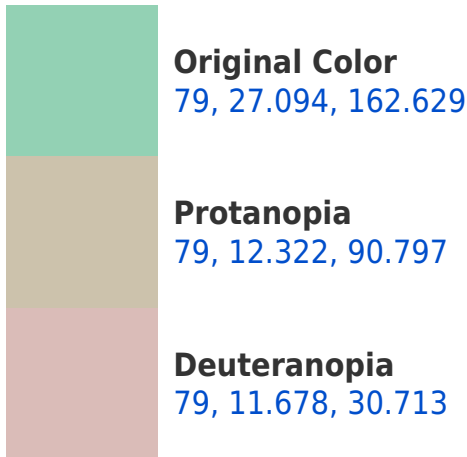


This preview shows how white text looks on a background with the CIELCh color 79, 27.094, 162.629.

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, 17.664, 227.552

Trichromacy



Original Color
79, 27.094, 162.629

Protanomaly
78, 14.171, 134.165

Deuteranomaly
78, 7.616, 120.857

Tritanomaly
79, 17.924, 198.116

Monochromacy



Original Color
79, 27.094, 162.629

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 10.351, 163.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 27.094, 162.629 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(147, 209, 180)` looks like.

```
.text, #text, p{  
    color:rgb(147, 209, 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(147, 209, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 209, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 27.094, 162.629 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(147, 209, 180) }
```

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

```
.border{ border-color:rgb(147, 209, 180) }
```

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

Here you see how a box with a 4 pixel rgb(147, 209, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 209, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 209, 180);  
box-shadow:4px 4px 4px 4px rgb(147, 209,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 27.094, 162.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 209, 180) }
```

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

```
.background{ background-color: rgb(147,  
209, 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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