

Converting Colors

CIELCh(79, 27.417, 161.771)

Have a look what the booklet for
CIELCh(79, 27.417, 161.771)
contains.

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Color

CIELCh(79, 27.438, 161.757)

Conversions

Conversions Part 1

Format	Color
Hex	93D1B3
RGB	147, 209, 179
RGB Percent	58%, 82%, 70%
CMY	0.4243, 0.1812, 0.2988
CMYK	0.30, 0.00, 0.14, 0.18
HSL	151°, 40%, 70%
HSV	151°, 30%, 82%
XYZ	42.8613, 54.9284, 50.8834
YIQ	187.0420, -27.3220, -22.4740

Conversions

Conversions Part 2

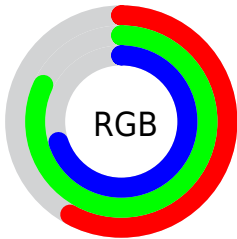
Format	Color
RYB	147, 188, 209
Decimal	9687475
CIELab	79.00, -26.06, 8.59
CIELCh	79, 27.438, 161.757
Yxy	54.9284, 0.2883, 0.3695
Android (android.graphics.Color)	4287877555 (0xFF93D1B3)
YUV	187.0420, -3.9647, -35.1168
Hunter-Lab	74.1137, -26.4690, 11.1735

Details

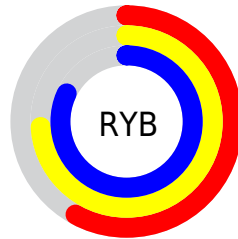
The CIELCh color **79, 27.438, 161.757** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 28.549, 347.336**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.005, 168.863**, and **59, 27.457, 161.705** is the 20% darker color. If you saturate the color by 10%, you get **78, 36.269, 160.587**, and if you desaturate by 10%, it is **80, 18.311, 162.802**.

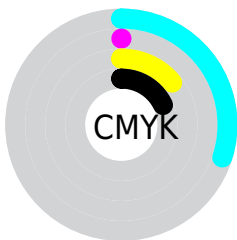
Distribution



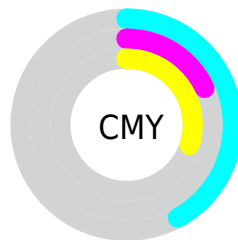
- Red (58%)
- Green (82%)
- Blue (70%)



- Red (58%)
- Yellow (74%)
- 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, 27.438, 161.757 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, 27.438, 161.757 by changing the saturation by 10% instead.


 79, 27.438,
161.757


 79, 27.438,
161.757

 100, 27.438,
161.757

 69, 27.438,
161.757


 99, 27.438,
161.757

 59, 27.438,
161.757

 49, 27.438,
161.757

 39, 27.438,
161.757

 29, 27.438,
161.757

 19, 27.438,
161.757

 9, 27.438, 161.757

■ 0, 27.438, 161.757

■ 79, 27.438,
161.757

■ 79, 27.438,
161.757

■ 78, 36.269,
160.587

■ 80, 18.311,
162.802

■ 77, 44.645,
159.269

■ 82, 9.027, 163.757

■ 76, 52.411,
157.777

■ 84, 0.294, 343.108

■ 86, 9.554, 345.279

■ 75, 59.429,
156.088

■ 88, 18.682,
346.009

■ 75, 65.604,
154.186

■ 88, 22.917,
337.154

■ 74, 70.913,
152.075

■ 89, 26.710,
328.912

■ 74, 75.484,
149.832

■ 89, 28.967,
325.433

■ 74, 75.621,
149.766

Harmonies

Complementary

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



79, 27.438, 161.757



68, 28.549, 347.336

Rectangle

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



79, 27.438, 161.757



79, 27.438, 211.757



79, 27.438, 341.757



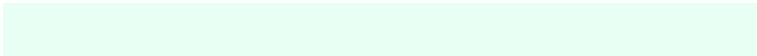
79, 27.438, 31.757

Sweetspot

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



79, 27.439, 161.756



98, 9.859, 163.812



80, 34.694, 127.690



52, 6.851, 163.675



0, 0.000, 0.000



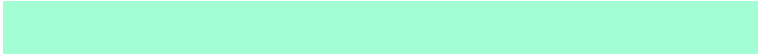
53, 0.007, 296.813

Same Dimension

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



79, 27.439, 161.756



93, 38.857, 160.985



80, 20.594, 197.941



43, 5.291, 163.784



61, 63.918, 150.144



13, 22.019, 155.580

Inverse Universe

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



68, 28.549, 347.336



77, 40.758, 348.134



67, 25.216, 21.868



41, 5.363, 345.280



36, 61.975, 3.204



5, 21.655, 354.982

Previews

White Background



This preview shows how the CIELCh color 79, 27.438, 161.757 looks on a white background.

Color Contrast Check

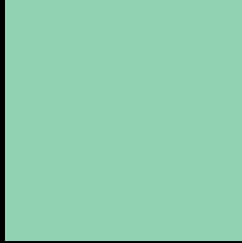
Large Text (above 18pt) WCAG AA × Fail

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, 27.438, 161.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

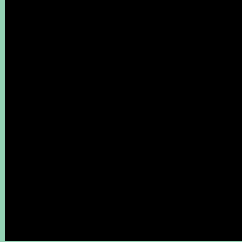
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

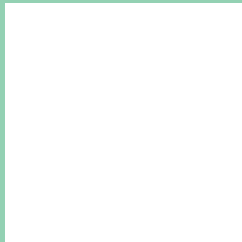
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 27.438, 161.757

Background



This preview shows how black text looks on a background with the CIELCh color 79, 27.438, 161.757.

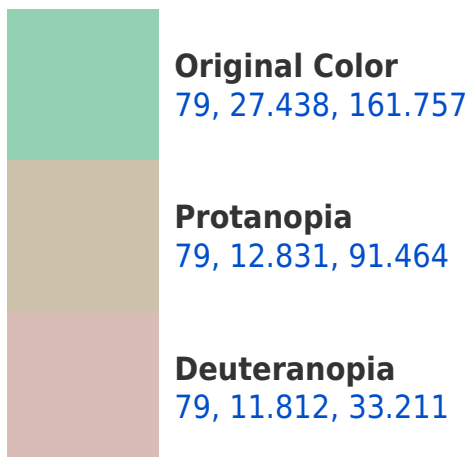


This preview shows how white text looks on a background with the CIELCh color 79, 27.438, 161.757.

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, 27.438, 161.757

Protanomaly
78, 14.655, 133.279

Deuteranomaly
78, 8.139, 120.091

Tritanomaly
79, 17.991, 196.393

Monochromacy



Original Color
79, 27.438, 161.757

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, 27.438, 161.757 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(147, 209, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 209, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 27.438, 161.757 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, 179) }
```

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

```
.border{ border-color:rgb(147, 209, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 209, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 209, 179);  
box-shadow:4px 4px 4px 4px rgb(147, 209,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 27.438, 161.757 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, 179) }
```

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

```
.background{ background-color: rgb(147,  
209, 179) }
```

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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