

Converting Colors

CIELCh(79, 26.768, 164.268)

Have a look what the booklet for
CIELCh(79, 26.768, 164.268)
contains.

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Color

CIELCh(79, 27.021, 163.873)

Conversions

Conversions Part 1

Format	Color
Hex	92D1B5
RGB	146, 209, 181
RGB Percent	57%, 82%, 71%
CMY	0.4282, 0.1811, 0.2909
CMYK	0.30, 0.00, 0.13, 0.18
HSL	153°, 41%, 70%
HSV	153°, 30%, 82%
XYZ	42.8953, 54.9284, 51.9569
YIQ	186.9710, -28.5600, -22.0640

Conversions

Conversions Part 2

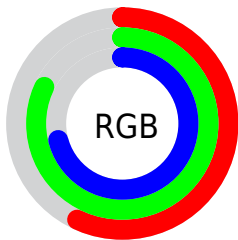
Format	Color
RYB	146, 187, 209
Decimal	9621941
CIELab	79.00, -25.96, 7.51
CIELCh	79, 27.021, 163.873
Yxy	54.9284, 0.2864, 0.3667
Android (android.graphics.Color)	4287812021 (0xFF92D1B5)
YUV	186.9710, -2.9437, -35.9316
Hunter-Lab	74.1137, -26.3873, 10.3147

Details

The CIELCh color **79, 27.021, 163.873** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 28.371, 349.745**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.745, 171.666**, and **59, 26.984, 163.903** is the 20% darker color. If you saturate the color by 10%, you get **78, 35.511, 162.684**, and if you desaturate by 10%, it is **80, 18.209, 164.939**.

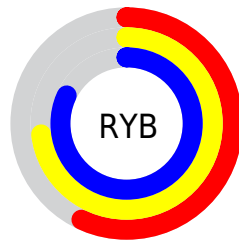
Distribution



Red (57%)

Green (82%)

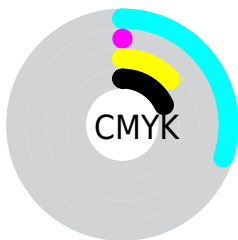
Blue (71%)



Red (57%)

Yellow (73%)

Blue (82%)

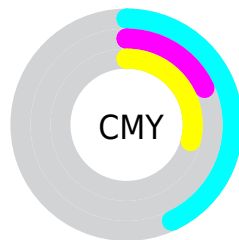


Cyan (30%)

Magenta (0%)

Yellow (13%)

Black (18%)



Cyan (43%)


Magenta (18%)


Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 27.021, 163.873 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, 27.021, 163.873 by changing the saturation by 10% instead.


 79, 27.021,
163.873

 79, 27.021,
163.873

 100, 27.021,
163.873


 69, 27.021,
163.873


 99, 27.021,
163.873

 59, 27.021,
163.873

 49, 27.021,
163.873

 39, 27.021,
163.873

 29, 27.021,
163.873

 19, 27.021,
163.873

 9, 27.021, 163.873

0, 27.021, 163.873

79, 27.021,
163.873

79, 27.021,
163.873

78, 35.511,
162.684

80, 18.209,
164.939

77, 43.523,
161.352

82, 9.210, 165.920

76, 50.908,
159.849

84, 0.146, 169.756

86, 8.885, 347.494

75, 57.539,
158.151

88, 17.809,
348.259

75, 63.333,
156.243

88, 21.928,
340.077

74, 68.276,
154.123

89, 25.232,
331.660

■ 74, 72.458,
151.911

■ 89, 28.957,
325.433

Harmonies

Complementary

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



79, 27.021, 163.873



67, 28.371, 349.745

Rectangle

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



79, 27.021, 163.873



79, 27.021, 213.873



79, 27.021, 343.873



79, 27.021, 33.873

Sweetspot

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



79, 27.022, 163.872



98, 9.587, 166.022



80, 35.711, 129.420



52, 6.661, 165.881



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, 27.022, 163.872



94, 37.638, 163.146



79, 19.847, 202.904



43, 5.145, 165.993



61, 61.258, 152.291



13, 21.203, 157.700

Inverse Universe

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



67, 28.371, 349.745



77, 39.896, 350.534



67, 24.524, 25.709



41, 5.228, 347.534



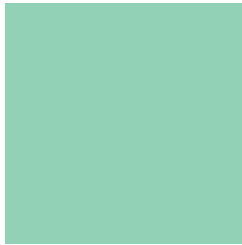
36, 61.846, 6.981



5, 21.313, 357.453

Previews

White Background



This preview shows how the CIELCh color 79, 27.021, 163.873 looks on a white background.

Color Contrast Check

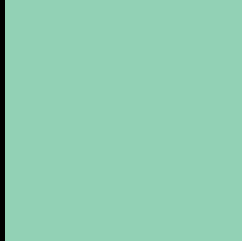
Large Text (above 18pt) WCAG AA × Fail

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, 27.021, 163.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

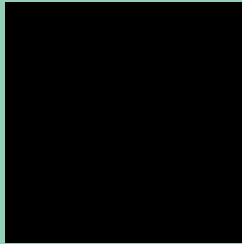
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 27.021, 163.873

Background



This preview shows how black text looks on a background with the CIELCh color 79, 27.021, 163.873.

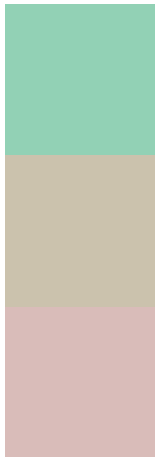


This preview shows how white text looks on a background with the CIELCh color 79, 27.021, 163.873.

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



Original Color
79, 27.021, 163.873

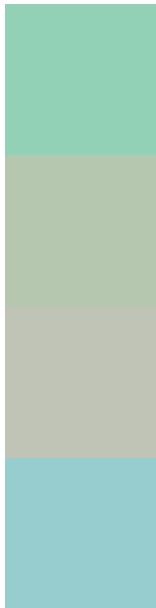
Protanopia
79, 11.695, 91.869

Deuteranopia
79, 11.181, 28.407



Tritanopia
79, 18.131, 228.677

Trichromacy



Original Color
79, 27.021, 163.873

Protanomaly
78, 13.864, 136.460

Deuteranomaly
78, 7.189, 124.623

Tritanomaly
79, 18.178, 199.800

Monochromacy



Original Color
79, 27.021, 163.873

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 10.034, 166.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 27.021, 163.873 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(146, 209, 181)` looks like.

```
.text, #text, p{  
    color:rgb(146, 209, 181)  
}
```

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(146, 209, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 209, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 27.021, 163.873 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(146, 209, 181) }
```

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

```
.border{ border-color:rgb(146, 209, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 209, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 209, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 209, 181);  
box-shadow:4px 4px 4px 4px rgb(146, 209,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 27.021, 163.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 209, 181) }
```

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

```
.background{ background-color: rgb(146,  
209, 181) }
```

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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