

Converting Colors

CIELCh(80, 26.850, 169.407)

Have a look what the booklet for
CIELCh(80, 26.850, 169.407)
contains.

CIELCh(80, 27.042, 169.201)	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(80, 27.042, 169.201)

Conversions

Conversions Part 1

Format	Color
Hex	90D4BC
RGB	144, 212, 188
RGB Percent	56%, 83%, 74%
CMY	0.4351, 0.1684, 0.2625
CMYK	0.32, 0.00, 0.11, 0.17
HSL	159°, 44%, 70%
HSV	159°, 32%, 83%
XYZ	44.1505, 56.6813, 56.2204
YIQ	188.9320, -32.8240, -21.8800

Conversions

Conversions Part 2

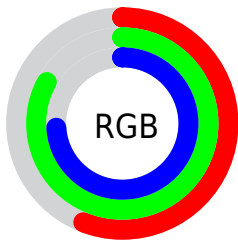
Format	Color
RYB	144, 185, 212
Decimal	9491644
CIELab	80.00, -26.56, 5.07
CIElCh	80, 27.042, 169.201
Yxy	56.6813, 0.2811, 0.3609
Android (android.graphics.Color)	4287681724 (0xFF90D4BC)
YUV	188.9320, -0.4595, -39.4054
Hunter-Lab	75.2870, -27.0746, 8.4262

Details

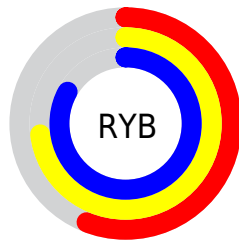
The CIELCh color **80, 27.042, 169.201** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 29.219, 355.896**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.445, 181.286**, and **60, 26.864, 169.400** is the 20% darker color. If you saturate the color by 10%, you get **79, 34.816, 167.984**, and if you desaturate by 10%, it is **81, 18.856, 170.305**.

Distribution



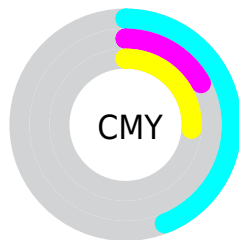
- Red (56%)
- Green (83%)
- Blue (74%)



- Red (56%)
- Yellow (73%)
- Blue (83%)



- Cyan (32%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)





- Cyan (44%)
- Magenta (17%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 27.042, 169.201 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 80, 27.042, 169.201 by changing the saturation by 10% instead.


 80, 27.042,
169.201

 80, 27.042,
169.201


 100, 27.042,
169.201


 70, 27.042,
169.201

 60, 27.042,
169.201

 50, 27.042,
169.201

 40, 27.042,
169.201

 30, 27.042,
169.201

 20, 27.042,
169.201

 10, 27.042,

169.201

0, 27.042, 169.201

80, 27.042,
169.201

80, 27.042,
169.201

79, 34.816,
167.984

81, 18.856,
170.305

78, 42.031,
166.635

83, 10.395,
171.330

77, 48.550,
165.126

85, 1.785, 172.479

76, 54.267,
163.432

86, 6.872, 353.002

76, 59.127,
161.535

88, 15.491,
353.849

89, 18.901,
345.835

■ 76, 63.149,
159.430

■ 89, 21.261,
337.117

■ 75, 65.892,
157.674

■ 89, 24.033,
330.342

■ 90, 26.911,
325.362

Harmonies

Complementary

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



80, 27.042, 169.201



67, 29.219, 355.896

Rectangle

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



80, 27.042, 169.201



80, 27.042, 219.201



80, 27.042, 349.201



80, 27.042, 39.201

Sweetspot

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



80, 27.043, 169.199



98, 10.013, 171.526



80, 39.322, 132.100



52, 6.827, 171.384



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 27.043, 169.199



93, 36.802, 168.444



78, 19.730, 212.432



44, 4.935, 171.594



62, 55.738, 158.041



15, 20.184, 162.910

Inverse Universe

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



67, 29.219, 355.896



76, 40.385, 356.825



69, 24.840, 32.930



42, 5.048, 353.218



36, 63.497, 15.840



5, 22.482, 3.400

Previews

White Background



This preview shows how the CIE LCh color 80, 27.042, 169.201 looks on a white background.

Color Contrast Check

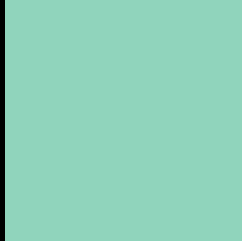
Large Text (above 18pt) WCAG AA × Fail

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 80, 27.042, 169.201 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

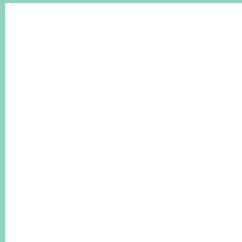
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 27.042, 169.201

Background



This preview shows how black text looks on a background with the CIELCh color 80, 27.042, 169.201.

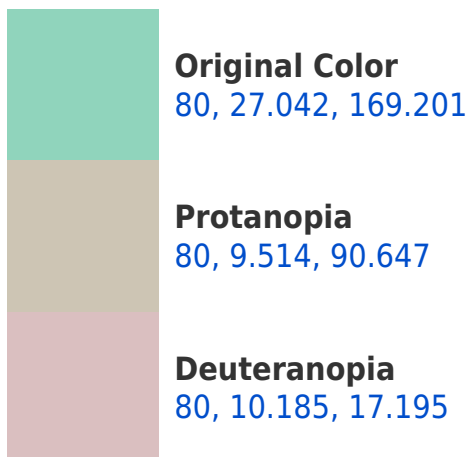


This preview shows how white text looks on a background with the CIELCh color 80, 27.042, 169.201.

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](#).

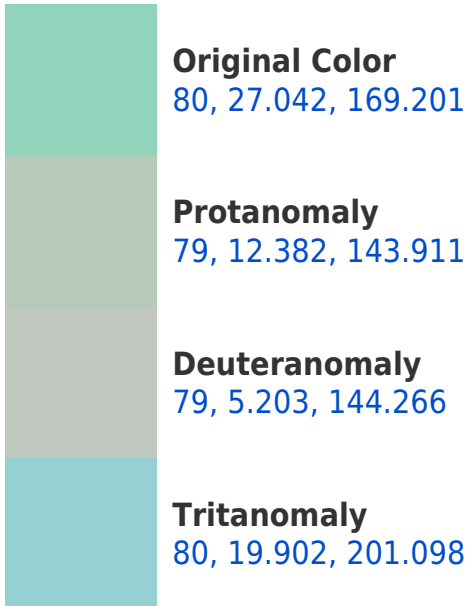
Dichromacy



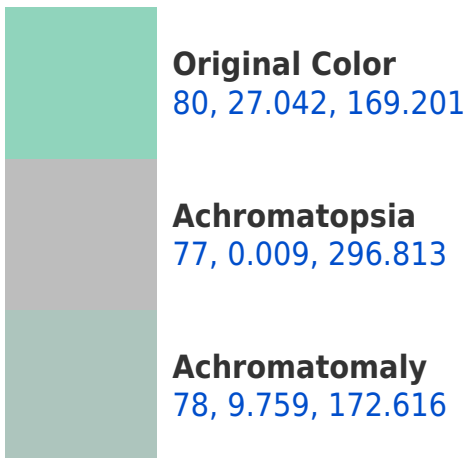


Tritanopia
80, 19.639, 225.954

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 27.042, 169.201 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(144, 212, 188)` looks like.

```
.text, #text, p{  
    color:rgb(144, 212, 188)  
}
```

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(144, 212, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 212, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 27.042, 169.201 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(144, 212, 188) }
```

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

```
.border{ border-color:rgb(144, 212, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 212, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 212, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 212, 188);  
box-shadow:4px 4px 4px 4px rgb(144, 212,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 27.042, 169.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 212, 188) }
```

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

```
.background{ background-color: rgb(144,  
212, 188) }
```

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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