

Converting Colors

CIELCh(80, 21.028, 195.602)

Have a look what the booklet for
CIELCh(80, 21.028, 195.602)
contains.

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Color

CIELCh(80, 21.039, 194.982)

Conversions

Conversions Part 1

Format	Color
Hex	93D2D0
RGB	147, 210, 208
RGB Percent	58%, 82%, 82%
CMY	0.4245, 0.1775, 0.1854
CMYK	0.30, 0.00, 0.01, 0.18
HSL	178°, 41%, 70%
HSV	178°, 30%, 82%
XYZ	46.3192, 56.6813, 68.0024
YIQ	190.9350, -36.9060, -13.9780

Conversions

Conversions Part 2

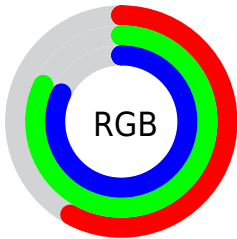
Format	Color
RYB	147, 179, 210
Decimal	9687760
CIELab	80.00, -20.32, -5.44
CIELCh	80, 21.039, 194.982
Yxy	56.6813, 0.2709, 0.3315
Android (android.graphics.Color)	4287877840 (0xFF93D2D0)
YUV	190.9350, 8.4130, -38.5310
Hunter-Lab	75.2870, -21.9328, -0.8524

Details

The CIELCh color **80, 21.039, 194.982** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 25.515, 19.490**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 17.181, 198.366**, and **60, 21.006, 195.980** is the 20% darker color. If you saturate the color by 10%, you get **79, 26.926, 194.423**, and if you desaturate by 10%, it is **81, 14.511, 195.569**.

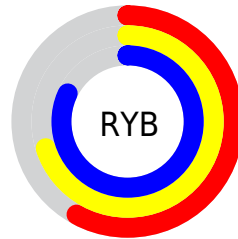
Distribution



Red (58%)

Green (82%)

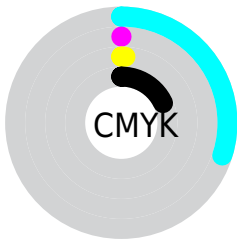
Blue (82%)



Red (58%)

Yellow (70%)

Blue (82%)

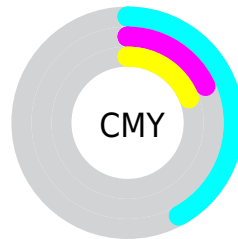


Cyan (30%)

Magenta (0%)

Yellow (1%)

Black (18%)



Cyan (42%)


Magenta (18%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 21.039, 194.982 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, 21.039, 194.982 by changing the saturation by 10% instead.


 80, 21.039,
194.982


 80, 21.039,
194.982


 100, 21.039,
194.982


 70, 21.039,
194.982

 60, 21.039,
194.982

 50, 21.039,
194.982

 40, 21.039,
194.982

 30, 21.039,
194.982

 20, 21.039,
194.982

 10, 21.039,

194.982

0, 21.039, 194.982

80, 21.039,
194.982

80, 21.039,
194.982

79, 26.926,
194.423

81, 14.511,
195.569

78, 32.053,
193.900

83, 7.466, 196.210

77, 36.321,
193.406

84, 0.026, 218.766

86, 7.705, 17.330

77, 39.665,
192.936

88, 15.627, 18.022

77, 42.065,
192.483

88, 16.917, 17.155

88, 16.920, 15.991

■ 76, 43.564,
192.036

■ 88, 16.930, 14.827

■ 88, 16.948, 13.666

■ 76, 44.356,
191.588

Harmonies

Complementary

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



80, 21.039, 194.982



67, 25.515, 19.490

Rectangle

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



80, 21.039, 194.982



80, 21.039, 244.982



80, 21.039, 14.982



80, 21.039, 64.982

Sweetspot

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



80, 21.040, 194.978



98, 7.864, 196.275



79, 40.496, 141.557



52, 5.446, 196.173



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, 21.040, 194.978



94, 28.821, 194.621



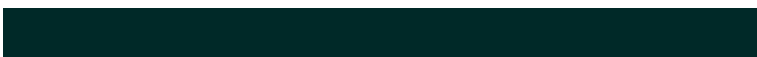
72, 19.091, 256.318



43, 4.218, 196.254



62, 37.637, 191.659



14, 14.317, 192.557

Inverse Universe

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



67, 25.515, 19.490



76, 36.609, 20.383



74, 21.113, 68.167



41, 4.460, 17.355



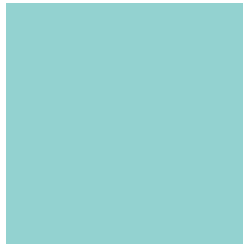
35, 75.136, 38.564



4, 20.017, 17.985

Previews

White Background



This preview shows how the CIE LCh color 80, 21.039, 194.982 looks on a white background.

Color Contrast Check

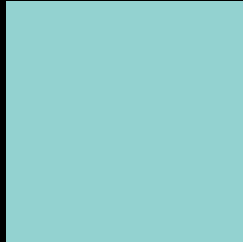
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 80, 21.039, 194.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

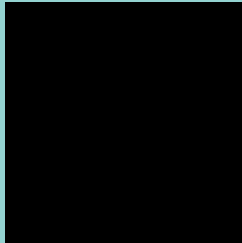
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

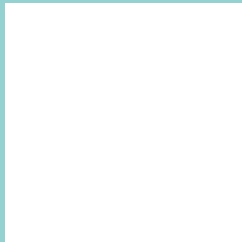
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 21.039, 194.982

Background



This preview shows how black text looks on a background with the CIELCh color 80, 21.039, 194.982.



This preview shows how white text looks on a background with the CIELCh color 80, 21.039, 194.982.

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, 20.150, 225.167

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 21.039, 194.982 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, 210, 208)` looks like.

```
.text, #text, p{  
    color:rgb(147, 210, 208)  
}
```

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, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 210, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 21.039, 194.982 is called "border". The border property can be set on classes, ids or directly on the HTML element.

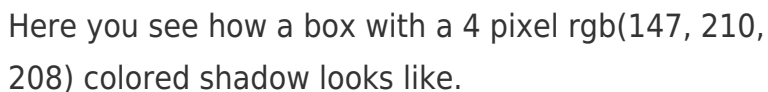
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 210, 208) }
```

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

```
.border{ border-color:rgb(147, 210, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 210, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 210, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 210, 208);  
box-shadow:4px 4px 4px 4px rgb(147, 210,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 21.039, 194.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 210, 208) }
```

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

```
.background{ background-color: rgb(147,  
210, 208) }
```

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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