

Converting Colors

CIELCh(79, 18.051, 188.031)

Have a look what the booklet for
CIELCh(79, 18.051, 188.031)
contains.

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Color

CIELCh(79, 18.227, 187.900)

Conversions

Conversions Part 1

Format	Color
Hex	9ACEC8
RGB	154, 206, 200
RGB Percent	60%, 81%, 78%
CMY	0.3976, 0.1937, 0.2173
CMYK	0.25, 0.00, 0.03, 0.19
HSL	173°, 34%, 70%
HSV	173°, 25%, 81%
XYZ	45.6023, 54.9284, 62.5941
YIQ	189.7680, -29.0660, -12.8900

Conversions

Conversions Part 2

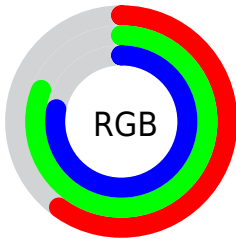
Format	Color
RYB	154, 182, 206
Decimal	10145480
CIELab	79.00, -18.05, -2.51
CIElCh	79, 18.227, 187.900
Yxy	54.9284, 0.2796, 0.3367
Android (android.graphics.Color)	4288335560 (0xFF9ACEC8)
YUV	189.7680, 5.0444, -31.3685
Hunter-Lab	74.1137, -19.8676, 1.8051

Details

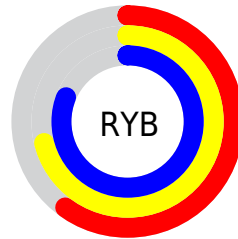
The CIELCh color **79, 18.227, 187.900** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 20.788, 12.407**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.314, 198.486**, and **59, 18.508, 187.063** is the 20% darker color. If you saturate the color by 10%, you get **78, 24.663, 187.048**, and if you desaturate by 10%, it is **80, 11.292, 188.732**.

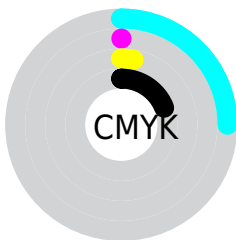
Distribution



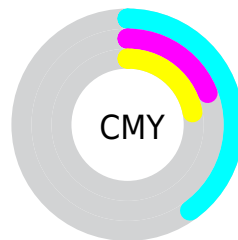
- Red (60%)
- Green (81%)
- Blue (78%)



- Red (60%)
- Yellow (71%)
- Blue (81%)



- Cyan (25%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)




- Cyan (40%)
- Magenta (19%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 18.227, 187.900 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, 18.227, 187.900 by changing the saturation by 10% instead.

 79, 18.227,
187.900

 79, 18.227,
187.900

 100, 18.227,
187.900

 69, 18.227,
187.900

 99, 18.227,
187.900

 59, 18.227,
187.900

 49, 18.227,
187.900

 39, 18.227,
187.900

 29, 18.227,
187.900

 19, 18.227,
187.900

 9, 18.227, 187.900

0, 18.227, 187.900

79, 18.227,
187.900

79, 18.227,
187.900

78, 24.663,
187.048

80, 11.292,
188.732

77, 30.471,
186.173

82, 3.977, 189.620

76, 35.533,
185.257

83, 3.602, 10.118

85, 11.350, 10.993

75, 39.755,
184.284

87, 18.658, 11.463

75, 43.078,
183.237

87, 18.819, 7.745

87, 19.063, 4.108

75, 45.501,
182.096

87, 19.385, 0.580

■ 74, 47.092,
180.843

■ 87, 19.781,
357.185

■ 74, 47.675,
180.235

Harmonies

Complementary

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



79, 18.227, 187.900



68, 20.788, 12.407

Rectangle

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



79, 18.227, 187.900



79, 18.227, 237.900



79, 18.227, 7.900



79, 18.227, 57.900

Sweetspot

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



79, 18.228, 187.896



99, 7.136, 189.350



78, 32.684, 139.810



52, 5.058, 189.214



0, 0.000, 0.000



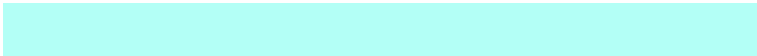
53, 0.007, 296.813

Same Dimension

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



79, 18.228, 187.896



95, 25.376, 187.467



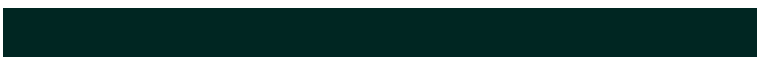
74, 15.014, 245.071



42, 4.212, 189.235



61, 40.537, 180.452



13, 14.693, 183.454

Inverse Universe

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



68, 20.788, 12.407



80, 29.800, 13.096



73, 16.906, 59.448



40, 4.412, 10.633



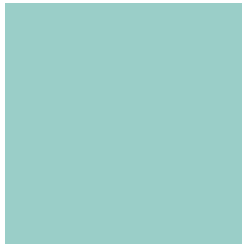
34, 70.840, 34.623



4, 18.023, 13.737

Previews

White Background



This preview shows how the CIELCh color 79, 18.227, 187.900 looks on a white background.

Color Contrast Check

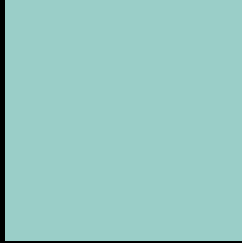
Large Text (above 18pt) WCAG AA × Fail

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 79, 18.227, 187.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

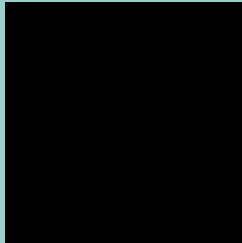
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

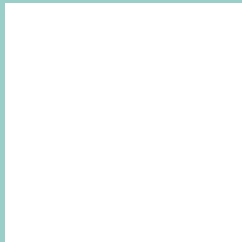
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 18.227, 187.900

Background



This preview shows how black text looks on a background with the CIELCh color 79, 18.227, 187.900.

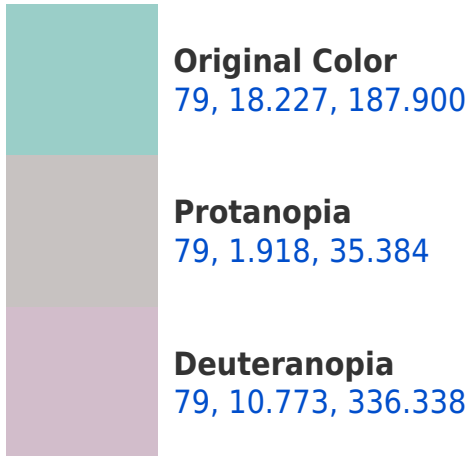


This preview shows how white text looks on a background with the CIELCh color 79, 18.227, 187.900.

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](#).

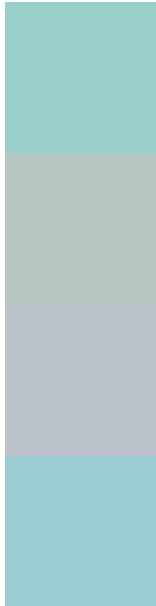
Dichromacy





Tritanopia
79, 16.881, 229.087

Trichromacy



Original Color
79, 18.227, 187.900

Protanomaly
79, 6.028, 183.587

Deuteranomaly
79, 4.288, 260.376

Tritanomaly
79, 16.495, 213.422

Monochromacy



Original Color
79, 18.227, 187.900

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 6.949, 190.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 18.227, 187.900 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(154, 206, 200)` looks like.

```
.text, #text, p{  
    color:rgb(154, 206, 200)  
}
```

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(154, 206, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 206, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 18.227, 187.900 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(154, 206, 200) }
```

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

```
.border{ border-color:rgb(154, 206, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 206, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 206, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 206, 200);  
box-shadow:4px 4px 4px 4px rgb(154, 206,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 18.227, 187.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 206, 200) }
```

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

```
.background{ background-color: rgb(154,  
206, 200) }
```

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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