

Converting Colors

CIELCh(79, 16.865, 186.688)

Have a look what the booklet for
CIELCh(79, 16.865, 186.688)
contains.

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Color

CIELCh(79, 16.992, 187.240)

Conversions

Conversions Part 1

Format	Color
Hex	9DCDC7
RGB	157, 205, 199
RGB Percent	62%, 80%, 78%
CMY	0.3845, 0.1962, 0.2198
CMYK	0.23, 0.00, 0.03, 0.20
HSL	172°, 32%, 71%
HSV	172°, 23%, 80%
XYZ	46.0221, 54.9284, 62.1843
YIQ	189.9640, -26.6820, -12.0420

Conversions

Conversions Part 2

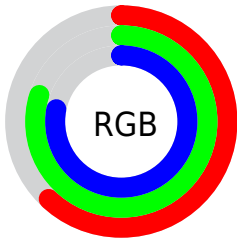
Format	Color
R _{YB}	157, 183, 205
Decimal	10341831
CIE _{Lab}	79.00, -16.86, -2.14
CIE _{LCh}	79, 16.992, 187.240
Y _{xy}	54.9284, 0.2821, 0.3367
Android (android.graphics.Color)	4288531911 (0xFF9DCDC7)
YUV	189.9640, 4.4547, -28.9094
Hunter-Lab	74.1137, -18.8565, 2.1330

Details

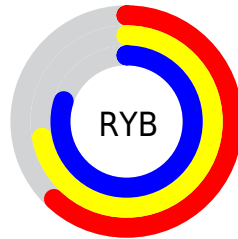
The CIELCh color **79, 16.992, 187.240** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 19.119, 11.422**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.367, 198.548**, and **59, 17.288, 186.405** is the 20% darker color. If you saturate the color by 10%, you get **78, 23.559, 186.367**, and if you desaturate by 10%, it is **80, 9.960, 188.091**.

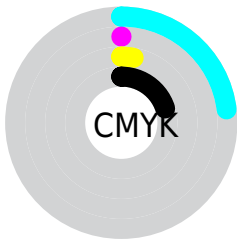
Distribution



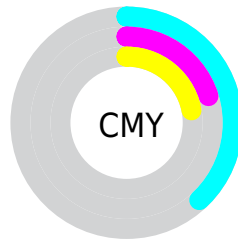
- Red (62%)
- Green (80%)
- Blue (78%)



- Red (62%)
- Yellow (72%)
- Blue (80%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)





- Cyan (38%)
- Magenta (20%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 16.992, 187.240 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, 16.992, 187.240 by changing the saturation by 10% instead.


 79, 16.992,
187.240


 79, 16.992,
187.240


 100, 16.992,
187.240


 69, 16.992,
187.240


 99, 16.992,
187.240

 59, 16.992,
187.240

 49, 16.992,
187.240

 39, 16.992,
187.240

 29, 16.992,
187.240

 19, 16.992,
187.240

 9, 16.992, 187.240

0, 16.992, 187.240

79, 16.992,
187.240

79, 16.992,
187.240

78, 23.559,
186.367

80, 9.960, 188.091

77, 29.530,
185.468

82, 2.580, 189.059

83, 5.037, 9.538

76, 34.785,
184.525

85, 12.798, 10.382

75, 39.223,
183.521

87, 18.960, 10.132

87, 19.169, 6.197

75, 42.777,
182.437

87, 19.470, 2.368

74, 45.431,
181.253

87, 19.860,
358.677

■ 74, 47.238,
179.951

■ 87, 20.333,
355.148

■ 74, 48.110,
179.051

Harmonies

Complementary

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



79, 16.992, 187.240



69, 19.119, 11.422

Rectangle

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



79, 16.992, 187.240



79, 16.992, 237.240



79, 16.992, 7.240



79, 16.992, 57.240

Sweetspot

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



79, 16.993, 187.236



99, 6.273, 188.655



78, 30.033, 139.487



53, 4.072, 188.598



0, 0.000, 0.000



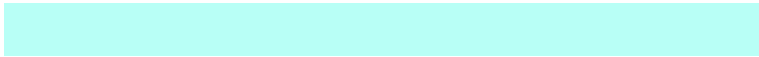
53, 0.007, 296.813

Same Dimension

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



79, 16.993, 187.236



95, 23.934, 186.810



74, 13.818, 242.603



42, 4.225, 188.444



61, 40.994, 179.278



13, 14.817, 182.471

Inverse Universe

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



69, 19.119, 11.422



81, 27.676, 12.068



73, 15.502, 57.712



40, 4.421, 9.868



34, 70.406, 34.061



4, 18.040, 13.267

Previews

White Background



This preview shows how the CIELCh color 79, 16.992, 187.240 looks on a white background.

Color Contrast Check

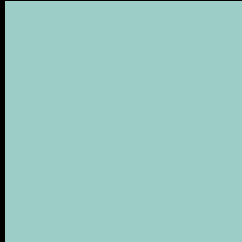
Large Text (above 18pt) WCAG AA × Fail

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, 16.992, 187.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

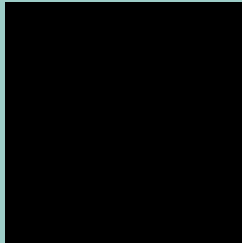
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

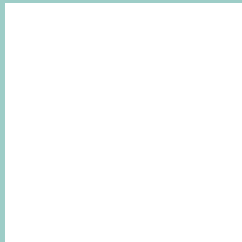
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 16.992, 187.240

Background



This preview shows how black text looks on a background with the CIELCh color 79, 16.992, 187.240.

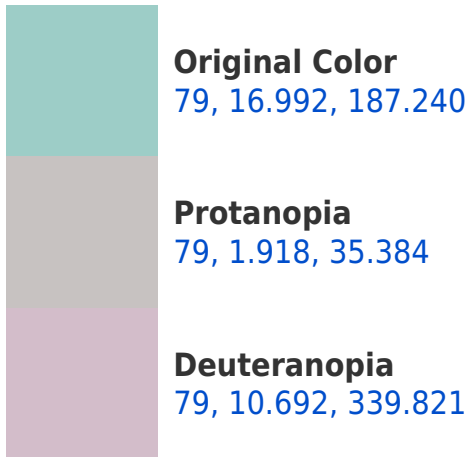


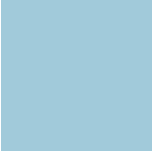
This preview shows how white text looks on a background with the CIELCh color 79, 16.992, 187.240.

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, 15.848, 231.407

Trichromacy



Original Color
79, 16.992, 187.240

Protanomaly
79, 5.345, 181.632

Deuteranomaly
79, 3.499, 266.139

Tritanomaly
79, 15.014, 215.058

Monochromacy



Original Color
79, 16.992, 187.240

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 6.253, 189.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 16.992, 187.240 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(157, 205, 199)` looks like.

```
.text, #text, p{  
    color:rgb(157, 205, 199)  
}
```

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(157, 205, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 205, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 16.992, 187.240 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(157, 205, 199) }
```

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

```
.border{ border-color:rgb(157, 205, 199) }
```

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

Here you see how a box with a 4 pixel rgb(157, 205, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 205, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 205, 199);  
box-shadow:4px 4px 4px 4px rgb(157, 205,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 16.992, 187.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 205, 199) }
```

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

```
.background{ background-color: rgb(157,  
205, 199) }
```

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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