

Converting Colors

CIELCh(79, 20.296, 182.086)

Have a look what the booklet for
CIELCh(79, 20.296, 182.086)
contains.

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Color

CIELCh(79, 20.625, 181.276)

Conversions

Conversions Part 1

Format	Color
Hex	96CFC4
RGB	150, 207, 196
RGB Percent	59%, 81%, 77%
CMY	0.4128, 0.1893, 0.2324
CMYK	0.28, 0.00, 0.05, 0.19
HSL	168°, 37%, 70%
HSV	168°, 28%, 81%
XYZ	44.7114, 54.9284, 60.3122
YIQ	188.7030, -30.4410, -15.5050

Conversions

Conversions Part 2

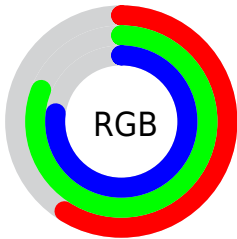
Format	Color
RYB	150, 182, 207
Decimal	9883588
CIELab	79.00, -20.62, -0.46
CIELCh	79, 20.625, 181.276
Yxy	54.9284, 0.2795, 0.3434
Android (android.graphics.Color)	4288073668 (0xFF96CFC4)
YUV	188.7030, 3.5974, -33.9425
Hunter-Lab	74.1137, -22.0134, 3.6306

Details

The CIELCh color **79, 20.625, 181.276** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 23.168, 6.769**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 16.683, 194.855**, and **59, 20.510, 181.386** is the 20% darker color. If you saturate the color by 10%, you get **78, 27.371, 180.246**, and if you desaturate by 10%, it is **80, 13.415, 182.248**.

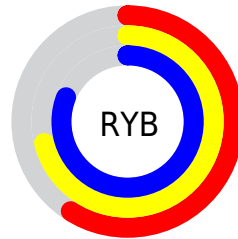
Distribution



Red (59%)

Green (81%)

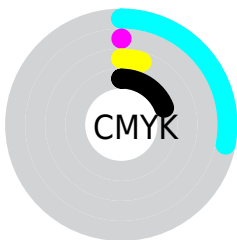
Blue (77%)



Red (59%)

Yellow (71%)

Blue (81%)

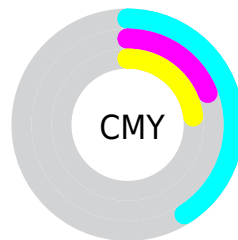


Cyan (28%)

Magenta (0%)

Yellow (5%)

Black (19%)



Cyan (41%)


Magenta (19%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 20.625, 181.276 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, 20.625, 181.276 by changing the saturation by 10% instead.


 79, 20.625,
181.276

 79, 20.625,
181.276


 100, 20.625,
181.276


 69, 20.625,
181.276


 99, 20.625,
181.276

 59, 20.625,
181.276

 49, 20.625,
181.276

 39, 20.625,
181.276

 29, 20.625,
181.276

 19, 20.625,
181.276

 9, 20.625, 181.276

0, 20.625, 181.276

79, 20.625,
181.276

79, 20.625,
181.276

78, 27.371,
180.246

80, 13.415,
182.248

77, 33.519,
179.147

82, 5.865, 183.211

76, 38.948,
177.955

83, 1.910, 3.719

85, 9.811, 4.780

75, 43.557,
176.649

87, 17.758, 5.613

75, 47.290,
175.205

87, 18.960, 0.140

75, 50.150,
173.602

88, 19.686,
354.418

■ 74, 52.239,
171.841

■ 88, 20.604,
349.170

■ 74, 52.701,
171.411

■ 88, 21.689,
344.424

Harmonies

Complementary

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



79, 20.625, 181.276



68, 23.168, 6.769

Rectangle

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



79, 20.625, 181.276



79, 20.625, 231.276



79, 20.625, 1.276



79, 20.625, 51.276

Sweetspot

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



79, 20.626, 181.273



98, 7.346, 183.158



79, 34.857, 137.382



52, 5.210, 183.008



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, 20.626, 181.273



94, 28.846, 180.681



75, 15.951, 234.206



43, 4.428, 183.028



62, 45.064, 171.698



14, 16.448, 175.712

Inverse Universe

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



68, 23.168, 6.769



78, 33.290, 7.626



72, 18.796, 49.890



41, 4.599, 4.594



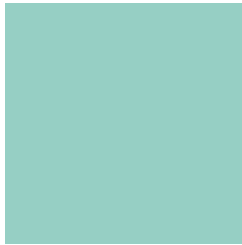
35, 68.144, 29.564



4, 20.198, 10.529

Previews

White Background



This preview shows how the CIELCh color 79, 20.625, 181.276 looks on a white background.

Color Contrast Check

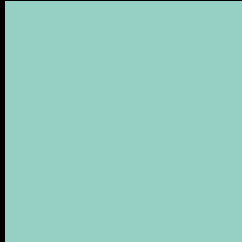
Large Text (above 18pt) WCAG AA × Fail

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, 20.625, 181.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

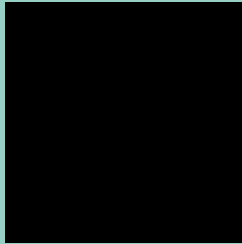
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

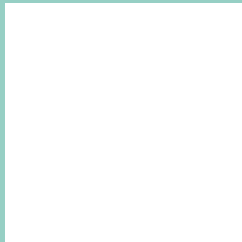
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 20.625, 181.276

Background



This preview shows how black text looks on a background with the CIELCh color 79, 20.625, 181.276.

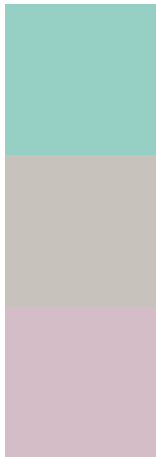


This preview shows how white text looks on a background with the CIELCh color 79, 20.625, 181.276.

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](#).

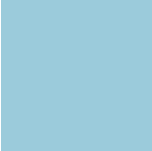
Dichromacy



Original Color
79, 20.625, 181.276

Protanopia
79, 3.461, 69.598

Deuteranopia
79, 10.067, 348.245



Tritanopia
79, 17.664, 227.552

Trichromacy



Original Color
79, 20.625, 181.276

Protanomaly
79, 7.579, 164.597

Deuteranomaly
78, 2.682, 236.255

Tritanomaly
79, 17.313, 210.794

Monochromacy



Original Color
79, 20.625, 181.276

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 7.917, 183.096

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 20.625, 181.276 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(150, 207, 196)` looks like.

```
.text, #text, p{  
    color:rgb(150, 207, 196)  
}
```

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(150, 207, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 207, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 20.625, 181.276 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(150, 207, 196) }
```

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

```
.border{ border-color:rgb(150, 207, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 207, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 207, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 207, 196);  
box-shadow:4px 4px 4px 4px rgb(150, 207,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 20.625, 181.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 207, 196) }
```

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

```
.background{ background-color: rgb(150,  
207, 196) }
```

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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