

Converting Colors

CIELCh(79, 25.496, 170.604)

Have a look what the booklet for
CIELCh(79, 25.496, 170.604)
contains.

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Color

CIELCh(79, 25.680, 170.265)

Conversions

Conversions Part 1

Format	Color
Hex	90D1BB
RGB	144, 209, 187
RGB Percent	56%, 82%, 73%
CMY	0.4364, 0.1816, 0.2678
CMYK	0.31, 0.00, 0.11, 0.18
HSL	160°, 41%, 69%
HSV	160°, 31%, 82%
XYZ	43.1129, 54.9284, 55.1760
YIQ	187.0570, -31.6780, -20.6220

Conversions

Conversions Part 2

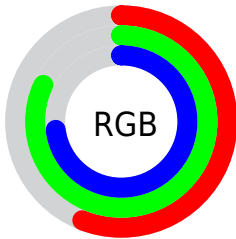
Format	Color
RYB	144, 183, 209
Decimal	9490875
CIELab	79.00, -25.31, 4.34
CIElCh	79, 25.680, 170.265
Yxy	54.9284, 0.2814, 0.3585
Android (android.graphics.Color)	4287680955 (0xFF90D1BB)
YUV	187.0570, -0.0281, -37.7610
Hunter-Lab	74.1137, -25.8631, 7.7395

Details

The CIELCh color **79, 25.680, 170.265** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 27.807, 356.755**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.939, 180.138**, and **59, 25.481, 170.623** is the 20% darker color. If you saturate the color by 10%, you get **78, 33.289, 169.065**, and if you desaturate by 10%, it is **80, 17.669, 171.357**.

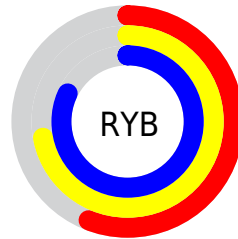
Distribution



Red (56%)

Green (82%)

Blue (73%)



Red (56%)

Yellow (72%)

Blue (82%)

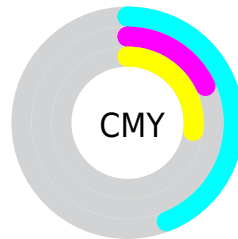


Cyan (31%)

Magenta (0%)

Yellow (11%)

Black (18%)



Cyan (44%)


Magenta (18%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 25.680, 170.265 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, 25.680, 170.265 by changing the saturation by 10% instead.


 79, 25.680,
170.265


 79, 25.680,
170.265


 100, 25.680,
170.265


 69, 25.680,
170.265


 99, 25.680,
170.265

 59, 25.680,
170.265

 49, 25.680,
170.265

 39, 25.680,
170.265

 29, 25.680,
170.265

 19, 25.680,
170.265

 9, 25.680, 170.265

■ 0, 25.680, 170.265

■ 79, 25.680,
170.265

■ 79, 25.680,
170.265

■ 78, 33.289,
169.065

■ 80, 17.669,
171.357

■ 77, 40.350,
167.738

■ 82, 9.389, 172.378

■ 76, 46.731,
166.258

■ 84, 0.961, 173.748

■ 85, 7.514, 354.047

■ 75, 52.325,
164.600

■ 87, 15.955,
354.890

■ 75, 57.075,
162.742

■ 88, 19.829,
348.680

■ 75, 60.991,
160.678

■ 88, 21.883,
340.402

■ 74, 63.925,
158.738

■ 89, 24.335,
333.725

■ 89, 27.074,
328.393

Harmonies

Complementary

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



79, 25.680, 170.265



67, 27.807, 356.755

Rectangle

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



79, 25.680, 170.265



79, 25.680, 220.265



79, 25.680, 350.265



79, 25.680, 40.265

Sweetspot

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



79, 25.681, 170.263



98, 8.933, 172.583



79, 37.887, 132.683



52, 6.203, 172.435



0, 0.000, 0.000



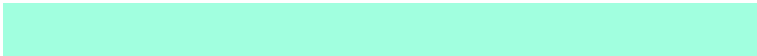
53, 0.007, 296.813

Same Dimension

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



79, 25.681, 170.263



94, 35.498, 169.524



77, 18.768, 214.469



43, 4.794, 172.552



61, 54.128, 159.106



14, 19.072, 164.245

Inverse Universe

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



67, 27.807, 356.755



76, 39.078, 357.674



68, 23.427, 34.410



41, 4.909, 354.177



35, 63.087, 17.140



5, 20.656, 3.565

Previews

White Background



This preview shows how the CIELCh color 79, 25.680, 170.265 looks on a white background.

Color Contrast Check

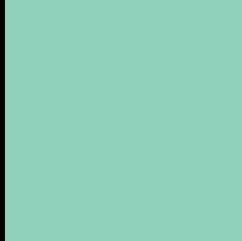
Large Text (above 18pt) WCAG AA × Fail

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 79, 25.680, 170.265 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

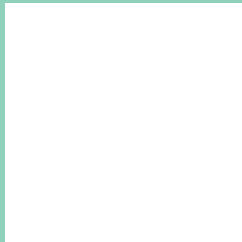
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 25.680, 170.265

Background



This preview shows how black text looks on a background with the CIELCh color 79, 25.680, 170.265.

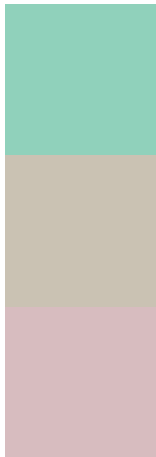


This preview shows how white text looks on a background with the CIELCh color 79, 25.680, 170.265.

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, 25.680, 170.265

Protanopia
79, 8.535, 88.500

Deuteranopia
79, 10.290, 11.297



Tritanopia
79, 18.961, 225.291

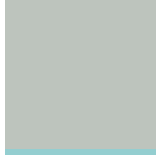
Trichromacy



Original Color
79, 25.680, 170.265



Protanomaly
78, 11.321, 145.452



Deuteranomaly
78, 4.563, 144.298



Tritanomaly
79, 19.333, 201.222

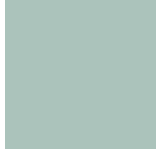
Monochromacy



Original Color
79, 25.680, 170.265



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 9.777, 172.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 25.680, 170.265 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, 209, 187)` looks like.

```
.text, #text, p{  
    color:rgb(144, 209, 187)  
}
```

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, 209, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 209, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 25.680, 170.265 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, 209, 187) }
```

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

```
.border{ border-color:rgb(144, 209, 187) }
```

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

Here you see how a box with a 4 pixel rgb(144, 209, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 209, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 209, 187);  
box-shadow:4px 4px 4px 4px rgb(144, 209,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 25.680, 170.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 209, 187) }
```

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

```
.background{ background-color: rgb(144,  
209, 187) }
```

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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