

Converting Colors

CIELCh(79, 25.616, 179.942)

Have a look what the booklet for
CIELCh(79, 25.616, 179.942)
contains.

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Color

CIELCh(79, 25.573, 180.453)

Conversions

Conversions Part 1

Format	Color
Hex	89D1C3
RGB	137, 209, 195
RGB Percent	54%, 82%, 76%
CMY	0.4623, 0.1799, 0.2349
CMYK	0.34, 0.00, 0.07, 0.18
HSL	168°, 44%, 68%
HSV	168°, 34%, 82%
XYZ	43.0248, 54.9284, 60.0294
YIQ	185.8760, -38.4180, -19.6180

Conversions

Conversions Part 2

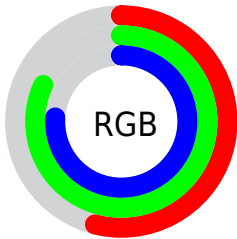
Format	Color
RYB	137, 177, 209
Decimal	9032131
CIELab	79.00, -25.57, -0.20
CIELCh	79, 25.573, 180.453
Yxy	54.9284, 0.2723, 0.3477
Android (android.graphics.Color)	4287222211 (0xFF89D1C3)
YUV	185.8760, 4.4981, -42.8643
Hunter-Lab	74.1137, -26.0754, 3.8568

Details

The CIELCh color **79, 25.573, 180.453** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **65, 29.639, 7.679**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.528, 192.373**, and **59, 25.608, 180.248** is the 20% darker color. If you saturate the color by 10%, you get **78, 31.990, 179.372**, and if you desaturate by 10%, it is **80, 18.596, 181.462**.

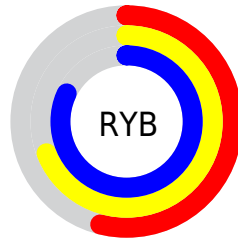
Distribution



Red (54%)

Green (82%)

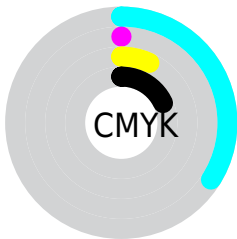
Blue (76%)



Red (54%)

Yellow (69%)

Blue (82%)

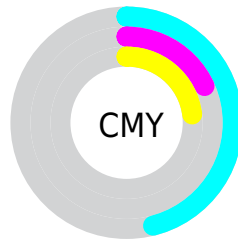


Cyan (34%)

Magenta (0%)

Yellow (7%)

Black (18%)



Cyan (46%)


Magenta (18%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 25.573, 180.453 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, 25.573, 180.453 by changing the saturation by 10% instead.


 79, 25.573,
180.453


 79, 25.573,
180.453


 100, 25.573,
180.453


 69, 25.573,
180.453


 99, 25.573,
180.453

 59, 25.573,
180.453

 49, 25.573,
180.453

 39, 25.573,
180.453

 29, 25.573,
180.453

 19, 25.573,
180.453

 9, 25.573, 180.453

0, 25.573, 180.453

79, 25.573,
180.453

79, 25.573,
180.453

78, 31.990,
179.372

80, 18.596,
181.462

77, 37.717,
178.207

82, 11.191,
182.428

76, 42.645,
176.933

83, 3.482, 183.434

85, 4.420, 4.026

76, 46.701,
175.528

87, 12.421, 4.934

75, 49.868,
173.968

88, 17.715, 3.055

75, 52.200,
172.241

88, 18.365,
356.711

■ 75, 53.268,
171.242

■ 88, 19.234,
350.885

■ 88, 20.293,
345.632

Harmonies

Complementary

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



79, 25.573, 180.453



65, 29.639, 7.679

Rectangle

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



79, 25.573, 180.453



79, 25.573, 230.453



79, 25.573, 0.453



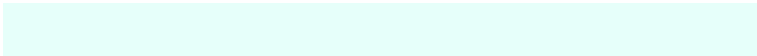
79, 25.573, 50.453

Sweetspot

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



79, 25.574, 180.451



98, 9.165, 182.843



79, 43.867, 136.947



52, 6.240, 182.706



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, 25.574, 180.451



93, 35.020, 179.700



73, 19.696, 235.173



43, 4.431, 182.911



62, 45.150, 171.544



14, 16.473, 175.576

Inverse Universe

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



65, 29.639, 7.679



74, 41.955, 8.885



70, 24.342, 49.578



41, 4.601, 4.480



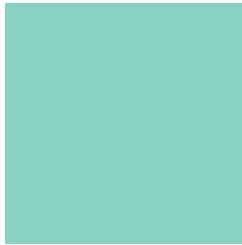
35, 68.077, 29.452



4, 20.201, 10.460

Previews

White Background



This preview shows how the CIELCh color 79, 25.573, 180.453 looks on a white background.

Color Contrast Check

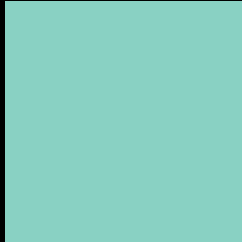
Large Text (above 18pt) WCAG AA × Fail

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, 25.573, 180.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

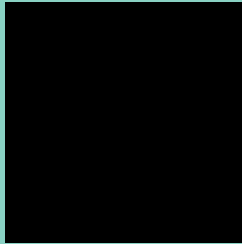
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

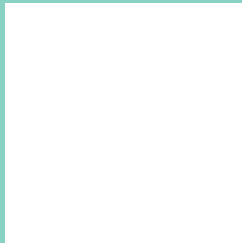
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 25.573, 180.453

Background



This preview shows how black text looks on a background with the CIELCh color 79, 25.573, 180.453.

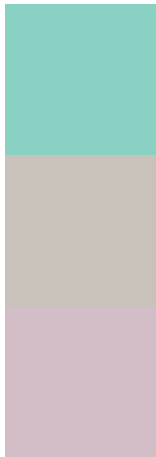


This preview shows how white text looks on a background with the CIELCh color 79, 25.573, 180.453.

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, 25.573, 180.453

Protanopia
79, 4.335, 78.584

Deuteranopia
79, 9.754, 347.042



Tritanopia
79, 21.428, 223.416

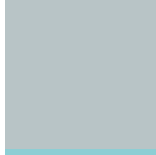
Trichromacy



Original Color
79, 25.573, 180.453



Protanomaly
78, 9.394, 167.919



Deuteranomaly
78, 4.431, 213.200

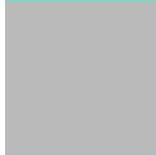


Tritanomaly
79, 21.304, 206.657

Monochromacy



Original Color
79, 25.573, 180.453



Achromatopsia
76, 0.009, 296.813



Achromatomaly
76, 9.782, 182.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 25.573, 180.453 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(137, 209, 195)` looks like.

```
.text, #text, p{  
    color:rgb(137, 209, 195)  
}
```

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(137, 209, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 209, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 25.573, 180.453 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(137, 209, 195) }
```

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

```
.border{ border-color:rgb(137, 209, 195) }
```

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

Here you see how a box with a 4 pixel rgb(137, 209, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 209, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 209, 195);  
box-shadow:4px 4px 4px 4px rgb(137, 209,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 25.573, 180.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 209, 195) }
```

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

```
.background{ background-color: rgb(137,  
209, 195) }
```

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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