

Converting Colors

CIELCh(81, 25.620, 180.093)

Have a look what the booklet for
CIELCh(81, 25.620, 180.093)
contains.

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Color

CIELCh(81, 25.722, 179.439)

Conversions

Conversions Part 1

Format	Color
Hex	8FD7C8
RGB	143, 215, 200
RGB Percent	56%, 84%, 78%
CMY	0.4400, 0.1577, 0.2165
CMYK	0.34, 0.00, 0.07, 0.16
HSL	168°, 47%, 70%
HSV	168°, 34%, 84%
XYZ	45.9365, 58.4711, 63.3779
YIQ	191.7620, -38.0970, -19.9290

Conversions

Conversions Part 2

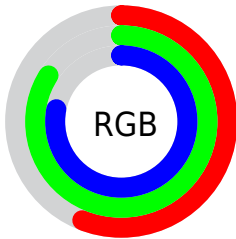
Format	Color
RYB	143, 183, 215
Decimal	9426888
CIELab	81.00, -25.72, 0.25
CIELCh	81, 25.722, 179.439
Yxy	58.4711, 0.2738, 0.3485
Android (android.graphics.Color)	4287616968 (0xFF8FD7C8)
YUV	191.7620, 4.0613, -42.7643
Hunter-Lab	76.4664, -26.5839, 4.3849

Details

The CIELCh color **81, 25.722, 179.439** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 29.512, 6.503**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.406, 198.288**, and **61, 25.818, 179.251** is the 20% darker color. If you saturate the color by 10%, you get **80, 32.426, 178.337**, and if you desaturate by 10%, it is **82, 18.469, 180.465**.

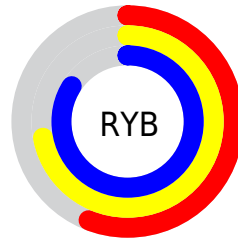
Distribution



Red (56%)

Green (84%)

Blue (78%)



Red (56%)

Yellow (72%)

Blue (84%)

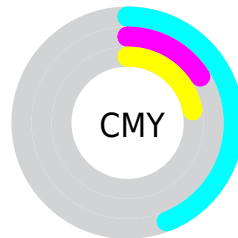


Cyan (34%)

Magenta (0%)

Yellow (7%)

Black (16%)



Cyan (44%)


Magenta (16%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 25.722, 179.439 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 81, 25.722, 179.439 by changing the saturation by 10% instead.


 81, 25.722,
179.439


 81, 25.722,
179.439


 100, 25.722,
179.439


 71, 25.722,
179.439

 61, 25.722,
179.439

 51, 25.722,
179.439

 41, 25.722,
179.439

 31, 25.722,
179.439

 21, 25.722,
179.439

 11, 25.722,

179.439

■ 1, 25.722, 179.439

■ 0, 25.722, 179.439

■ 81, 25.722,
179.439

■ 81, 25.722,
179.439

■ 80, 32.426,
178.337

■ 82, 18.469,
180.465

■ 79, 38.445,
177.146

■ 84, 10.800,
181.445

■ 78, 43.663,
175.841

■ 85, 2.843, 182.494

■ 78, 47.999,
174.398

■ 87, 5.289, 3.074

■ 89, 13.503, 3.970

■ 77, 51.428,

172.794

90, 15.876,
357.884

77, 53.999,
171.016

90, 16.825,
350.519

77, 55.348,
169.806

90, 18.031,
344.063

90, 19.447,
338.506

Harmonies

Complementary

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



81, 25.722, 179.439



67, 29.512, 6.503

Rectangle

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



81, 25.722, 179.439



81, 25.722, 229.439



81, 25.722, 359.439



81, 25.722, 49.439

Sweetspot

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



81, 25.723, 179.437



98, 9.224, 181.778



81, 43.430, 136.538



52, 6.281, 181.639



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 25.723, 179.437



94, 34.599, 178.690



76, 19.617, 232.701



44, 4.548, 181.845



62, 46.474, 170.129



15, 17.374, 174.067

Inverse Universe

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



67, 29.512, 6.503



74, 40.939, 7.656



71, 24.260, 47.830



42, 4.717, 3.437



36, 68.268, 28.472



5, 22.068, 10.501

Previews

White Background



This preview shows how the CIE LCh color 81, 25.722, 179.439 looks on a white background.

Color Contrast Check

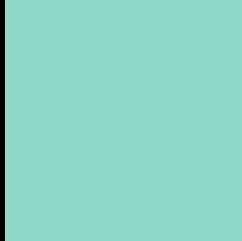
Large Text (above 18pt) WCAG AA × Fail

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 81, 25.722, 179.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

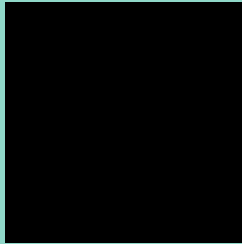
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

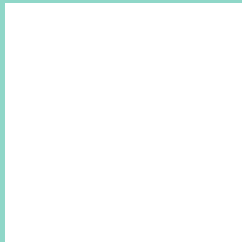
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 25.722, 179.439

Background



This preview shows how black text looks on a background with the CIELCh color 81, 25.722, 179.439.

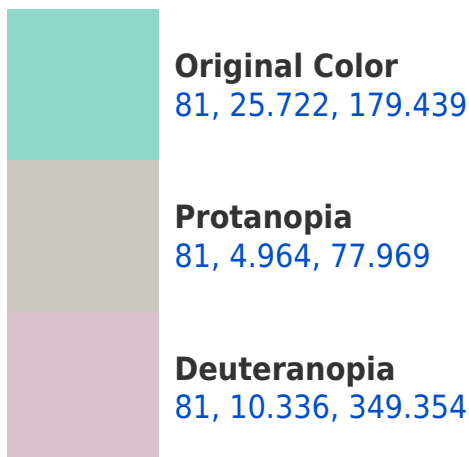


This preview shows how white text looks on a background with the CIELCh color 81, 25.722, 179.439.

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](#).

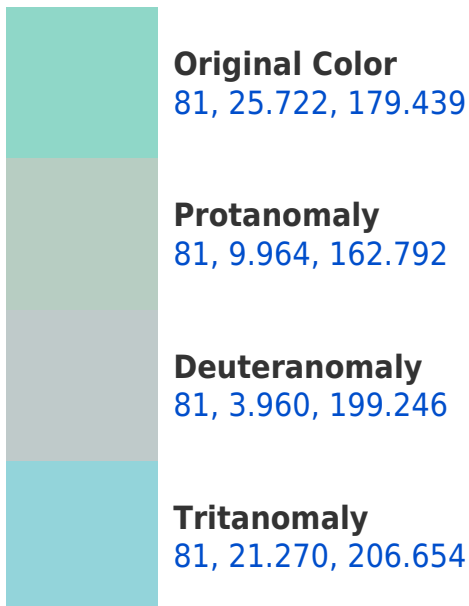
Dichromacy





Tritanopia
81, 21.396, 223.329

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 25.722, 179.439 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(143, 215, 200)` looks like.

```
.text, #text, p{  
    color:rgb(143, 215, 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(143, 215, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 215, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 25.722, 179.439 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(143, 215, 200) }
```

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

```
.border{ border-color:rgb(143, 215, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 215, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 215, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 215, 200); box-shadow:4px 4px 4px 4px rgb(143, 215, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 25.722, 179.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 215, 200) }
```

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

```
.background{ background-color: rgb(143,  
215, 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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