

Converting Colors

CIELCh(81, 25.737, 184.351)

Have a look what the booklet for
CIELCh(81, 25.737, 184.351)
contains.

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Color

CIELCh(81, 25.727, 184.365)

Conversions

Conversions Part 1

Format	Color
Hex	8CD7CC
RGB	140, 215, 204
RGB Percent	55%, 84%, 80%
CMY	0.4514, 0.1572, 0.2004
CMYK	0.35, 0.00, 0.05, 0.16
HSL	171°, 48%, 70%
HSV	171°, 35%, 84%
XYZ	45.9605, 58.4711, 65.9276
YIQ	191.3210, -41.1690, -19.3210

Conversions

Conversions Part 2

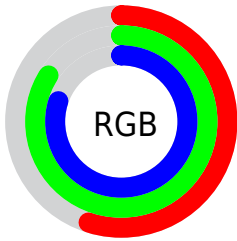
Format	Color
RYB	140, 180, 215
Decimal	9230284
CIELab	81.00, -25.65, -1.96
CIELCh	81, 25.727, 184.365
Yxy	58.4711, 0.2698, 0.3432
Android (android.graphics.Color)	4287420364 (0xFF8CD7CC)
YUV	191.3210, 6.2507, -45.0085
Hunter-Lab	76.4664, -26.5278, 2.4080

Details

The CIELCh color **81, 25.727, 184.365** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **66, 30.580, 11.395**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.314, 198.231**, and **61, 25.658, 184.376** is the 20% darker color. If you saturate the color by 10%, you get **80, 31.950, 183.391**, and if you desaturate by 10%, it is **82, 18.884, 185.289**.

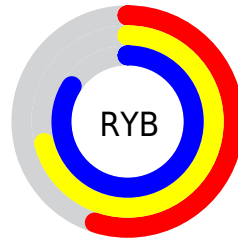
Distribution



Red (55%)

Green (84%)

Blue (80%)



Red (55%)

Yellow (71%)

Blue (84%)

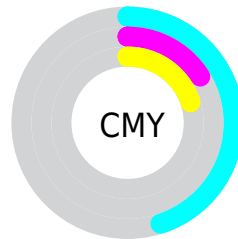


Cyan (35%)

Magenta (0%)

Yellow (5%)

Black (16%)



Cyan (45%)


Magenta (16%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 25.727, 184.365 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, 25.727, 184.365 by changing the saturation by 10% instead.


 81, 25.727,
184.365


 81, 25.727,
184.365


 100, 25.727,
184.365


 71, 25.727,
184.365

 61, 25.727,
184.365

 51, 25.727,
184.365

 41, 25.727,
184.365

 31, 25.727,
184.365

 21, 25.727,
184.365

 11, 25.727,

184.365

■ 1, 25.727, 184.365

■ 0, 25.727, 184.365

■ 81, 25.727,
184.365

■ 81, 25.727,
184.365

■ 80, 31.950,
183.391

■ 82, 18.884,
185.289

■ 79, 37.423,
182.359

■ 84, 11.552,
186.188

■ 78, 42.042,
181.246

■ 85, 3.860, 187.134

■ 78, 45.743,
180.032

■ 87, 4.076, 7.680

■ 89, 12.157, 8.574

■ 78, 48.518,

178.694

89, 15.250, 4.979

77, 50.433,
177.218

90, 15.699,
359.199

77, 51.203,
176.436

90, 16.304,
353.803

90, 17.048,
348.846

Harmonies

Complementary

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



81, 25.727, 184.365



66, 30.580, 11.395

Rectangle

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



81, 25.727, 184.365



81, 25.727, 234.365



81, 25.727, 4.365



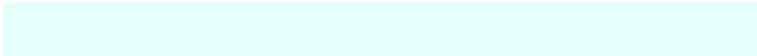
81, 25.727, 54.365

Sweetspot

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



81, 25.728, 184.362



98, 8.985, 186.622



80, 46.162, 138.254



52, 6.115, 186.492



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, 25.728, 184.362



93, 34.665, 183.638



74, 20.685, 242.249



44, 4.431, 186.684



63, 43.034, 176.701



15, 16.348, 179.864

Inverse Universe

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



66, 30.580, 11.395



73, 42.950, 12.706



72, 25.028, 54.956



42, 4.627, 8.172



35, 71.085, 32.847



5, 21.993, 13.230

Previews

White Background



This preview shows how the CIE LCh color 81, 25.727, 184.365 looks on a white background.

Color Contrast Check

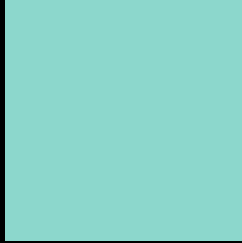
Large Text (above 18pt) WCAG AA × Fail

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, 25.727, 184.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

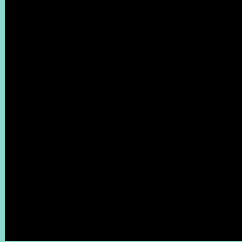
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

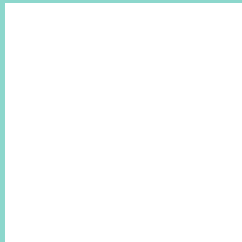
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 25.727, 184.365

Background



This preview shows how black text looks on a background with the CIELCh color 81, 25.727, 184.365.

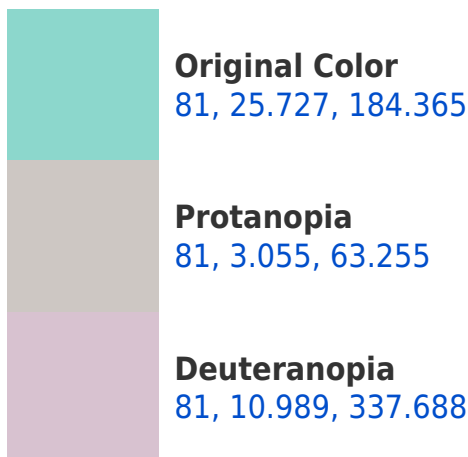


This preview shows how white text looks on a background with the CIELCh color 81, 25.727, 184.365.

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](#).

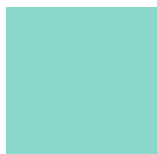
Dichromacy



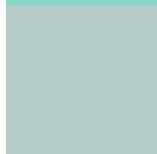


Tritanopia
81, 22.151, 222.371

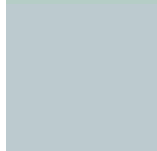
Trichromacy



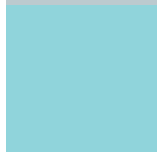
Original Color
81, 25.727, 184.365



Protanomaly
80, 9.444, 175.508



Deuteranomaly
80, 5.590, 227.647



Tritanomaly
81, 22.117, 207.682

Monochromacy



Original Color
81, 25.727, 184.365



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 10.243, 186.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 25.727, 184.365 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(140, 215, 204)` looks like.

```
.text, #text, p{  
    color:rgb(140, 215, 204)  
}
```

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(140, 215, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 215, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 25.727, 184.365 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(140, 215, 204) }
```

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

```
.border{ border-color:rgb(140, 215, 204) }
```

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

Here you see how a box with a 4 pixel rgb(140, 215, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 215, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 215, 204);  
box-shadow:4px 4px 4px 4px rgb(140, 215,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 25.727, 184.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 215, 204) }
```

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

```
.background{ background-color: rgb(140,  
215, 204) }
```

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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