

Converting Colors

CIELCh(81, 23.521, 192.532)

Have a look what the booklet for
CIELCh(81, 23.521, 192.532)
contains.

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Color

CIELCh(81, 23.529, 192.522)

Conversions

Conversions Part 1

Format	Color
Hex	8FD6D2
RGB	143, 214, 210
RGB Percent	56%, 84%, 82%
CMY	0.4399, 0.1615, 0.1772
CMYK	0.33, 0.00, 0.02, 0.16
HSL	177°, 46%, 70%
HSV	177°, 33%, 84%
XYZ	46.9096, 58.4711, 69.6706
YIQ	192.3150, -41.0320, -16.2960

Conversions

Conversions Part 2

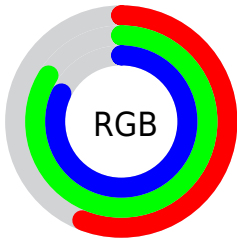
Format	Color
RYB	143, 180, 214
Decimal	9426642
CIELab	81.00, -22.97, -5.10
CIElCh	81, 23.529, 192.522
Yxy	58.4711, 0.2680, 0.3340
Android (android.graphics.Color)	4287616722 (0xFF8FD6D2)
YUV	192.3150, 8.7187, -43.2493
Hunter-Lab	76.4664, -24.3123, -0.4942

Details

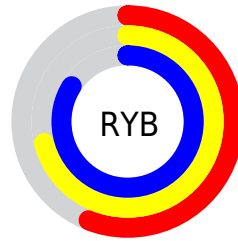
The CIELCh color **81, 23.529, 192.522** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 28.882, 18.049**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.406, 198.288**, and **61, 23.396, 193.174** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.376, 191.865**, and if you desaturate by 10%, it is **82, 17.011, 193.188**.

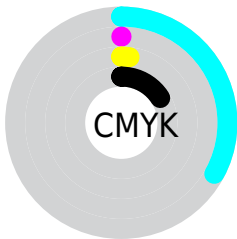
Distribution



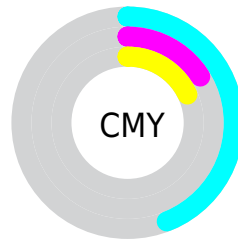
- Red (56%)
- Green (84%)
- Blue (82%)



- Red (56%)
- Yellow (71%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)





- Cyan (44%)
- Magenta (16%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 23.529, 192.522 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, 23.529, 192.522 by changing the saturation by 10% instead.


 81, 23.529,
192.522


 81, 23.529,
192.522


 100, 23.529,
192.522


 71, 23.529,
192.522

 61, 23.529,
192.522

 51, 23.529,
192.522

 41, 23.529,
192.522

 31, 23.529,
192.522

 21, 23.529,
192.522

 11, 23.529,

192.522

■ 1, 23.529, 192.522

■ 0, 23.529, 192.522

■ 81, 23.529,
192.522

■ 81, 23.529,
192.522

■ 80, 29.376,
191.865

■ 82, 17.011,
193.188

■ 79, 34.430,
191.220

■ 84, 9.947, 193.882

■ 79, 38.597,
190.576

■ 85, 2.464, 194.738

■ 78, 41.818,
189.923

■ 87, 5.323, 15.087

■ 78, 44.089,

■ 89, 15.322, 14.272

189.249

■ 89, 15.370, 11.960

■ 78, 45.472,
188.538

■ 89, 15.444, 9.668

■ 77, 46.053,
188.036

■ 89, 15.544, 7.401

Harmonies

Complementary

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



81, 23.529, 192.522



66, 28.882, 18.049

Rectangle

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



81, 23.529, 192.522



81, 23.529, 242.522



81, 23.529, 12.522



81, 23.529, 62.522

Sweetspot

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



81, 23.530, 192.519



98, 8.754, 194.110



80, 44.941, 140.488



52, 5.953, 194.004



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, 23.530, 192.519



94, 31.766, 192.047



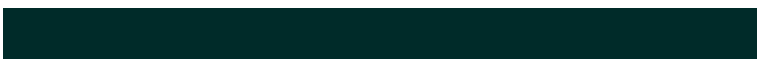
73, 20.746, 252.914



44, 4.319, 194.161



63, 38.929, 188.157



15, 15.118, 189.600

Inverse Universe

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



66, 28.882, 18.049



74, 41.012, 19.188



74, 23.693, 64.208



42, 4.556, 15.369



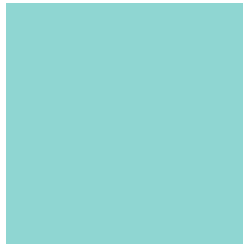
35, 75.024, 37.583



5, 21.967, 17.254

Previews

White Background



This preview shows how the CIE LCh color 81, 23.529, 192.522 looks on a white background.

Color Contrast Check

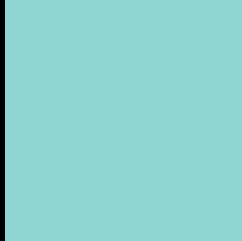
Large Text (above 18pt) WCAG AA × Fail

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, 23.529, 192.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

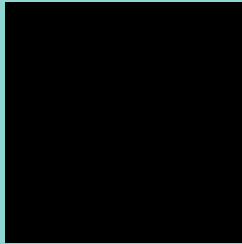
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

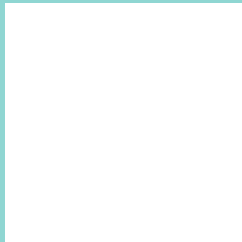
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 23.529, 192.522

Background



This preview shows how black text looks on a background with the CIELCh color 81, 23.529, 192.522.

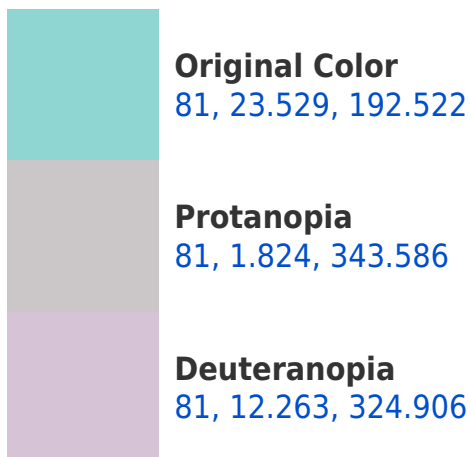


This preview shows how white text looks on a background with the CIELCh color 81, 23.529, 192.522.

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, 21.900, 222.682

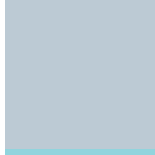
Trichromacy



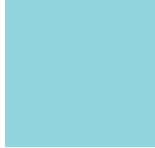
Original Color
81, 23.529, 192.522



Protanomaly
80, 8.147, 198.865



Deuteranomaly
81, 7.163, 247.292

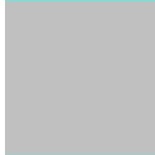


Tritanomaly
81, 21.903, 210.677

Monochromacy



Original Color
81, 23.529, 192.522



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 9.328, 192.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 23.529, 192.522 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, 214, 210)` looks like.

```
.text, #text, p{  
    color:rgb(143, 214, 210)  
}
```

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, 214, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 214, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 23.529, 192.522 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, 214, 210) }
```

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

```
.border{ border-color:rgb(143, 214, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 214, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 214, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 214, 210);  
box-shadow:4px 4px 4px 4px rgb(143, 214,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 23.529, 192.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 214, 210) }
```

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

```
.background{ background-color: rgb(143,  
214, 210) }
```

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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