

Converting Colors

CIELCh(81, 21.091, 203.580)

Have a look what the booklet for
CIELCh(81, 21.091, 203.580)
contains.

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Color

CIELCh(81, 20.991, 203.819)

Conversions

Conversions Part 1

Format	Color
Hex	94D4D8
RGB	148, 212, 216
RGB Percent	58%, 83%, 85%
CMY	0.4188, 0.1678, 0.1521
CMYK	0.31, 0.02, 0.00, 0.15
HSL	184°, 47%, 71%
HSV	184°, 31%, 85%
XYZ	48.2638, 58.4711, 73.8453
YIQ	193.3200, -39.4280, -12.3240

Conversions

Conversions Part 2

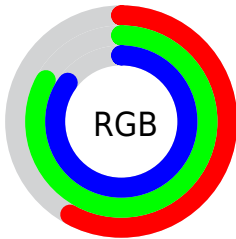
Format	Color
RYB	148, 181, 216
Decimal	9753816
CIELab	81.00, -19.20, -8.48
CIElCh	81, 20.991, 203.819
Yxy	58.4711, 0.2673, 0.3238
Android (android.graphics.Color)	4287943896 (0xFF94D4D8)
YUV	193.3200, 11.1812, -39.7456
Hunter-Lab	76.4664, -21.1511, -3.7312

Details

The CIELCh color **81, 20.991, 203.819** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 26.238, 26.541**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 16.872, 198.386**, and **61, 20.940, 203.842** is the 20% darker color. If you saturate the color by 10%, you get **80, 26.450, 203.737**, and if you desaturate by 10%, it is **83, 14.861, 204.002**.

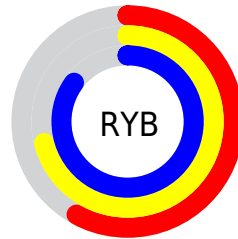
Distribution



Red (58%)

Green (83%)

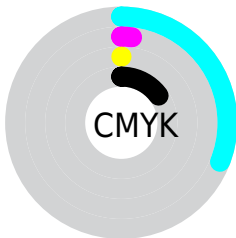
Blue (85%)



Red (58%)

Yellow (71%)

Blue (85%)

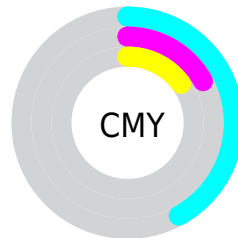


Cyan (31%)

Magenta (2%)

Yellow (0%)

Black (15%)



Cyan (42%)


Magenta (17%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 20.991, 203.819 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, 20.991, 203.819 by changing the saturation by 10% instead.


 81, 20.991,
203.819


 81, 20.991,
203.819


 100, 20.991,
203.819


 71, 20.991,
203.819

 61, 20.991,
203.819

 51, 20.991,
203.819

 41, 20.991,
203.819

 31, 20.991,
203.819

 21, 20.991,
203.819

 11, 20.991,

203.819

■ 1, 20.991, 203.819

■ 0, 20.991, 203.819

■ 81, 20.991,
203.819

■ 81, 20.991,
203.819

■ 80, 26.450,
203.737

■ 83, 14.861,
204.002

■ 78, 31.124,
203.784

■ 84, 8.179, 204.294

■ 77, 34.916,
203.975

■ 86, 1.063, 205.104

■ 88, 6.383, 24.837

■ 76, 37.764,
204.331

■ 90, 13.573, 25.453

■ 76, 39.658,

■ 90, 13.185, 28.414

204.872

91, 12.835, 31.546

75, 40.648,
205.612

91, 12.526, 34.842

75, 40.952,
206.382

91, 12.262, 38.292

Harmonies

Complementary

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



81, 20.991, 203.819



69, 26.238, 26.541

Rectangle

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



81, 20.991, 203.819



81, 20.991, 253.819



81, 20.991, 23.819



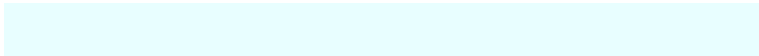
81, 20.991, 73.819

Sweetspot

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



81, 20.991, 203.815



98, 7.395, 204.384



81, 42.446, 143.546



52, 5.119, 204.327



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, 20.991, 203.815



93, 28.134, 203.749



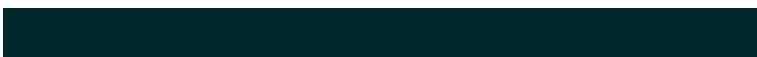
72, 22.297, 265.723



44, 4.045, 204.371



60, 34.396, 206.209



14, 13.658, 204.290

Inverse Universe

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



70, 42.192, 327.828



78, 57.949, 328.209



77, 23.690, 76.552



42, 7.539, 326.565



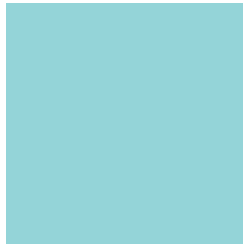
40, 81.770, 330.702



6, 31.575, 330.034

Previews

White Background



This preview shows how the CIE LCh color 81, 20.991, 203.819 looks on a white background.

Color Contrast Check

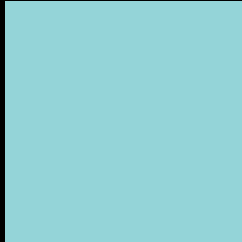
Large Text (above 18pt) WCAG AA × Fail

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, 20.991, 203.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

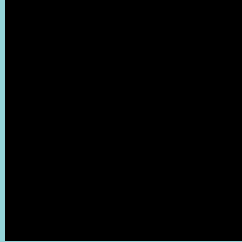
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 20.991, 203.819

Background



This preview shows how black text looks on a background with the CIELCh color 81, 20.991, 203.819.



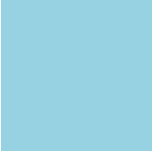
This preview shows how white text looks on a background with the CIELCh color 81, 20.991, 203.819.

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, 20.641, 224.382

Trichromacy



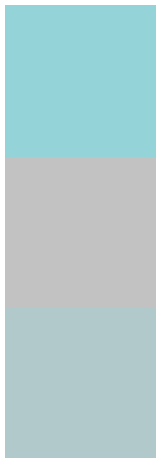
Original Color
81, 20.991, 203.819

Protanomaly
81, 8.457, 225.153

Deuteranomaly
81, 10.481, 265.619

Tritanomaly
81, 20.490, 216.387

Monochromacy



Original Color
81, 20.991, 203.819

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 8.496, 202.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 20.991, 203.819 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(148, 212, 216)` looks like.

```
.text, #text, p{  
    color:rgb(148, 212, 216)  
}
```

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(148, 212, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 212, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 20.991, 203.819 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(148, 212, 216) }
```

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

```
.border{ border-color:rgb(148, 212, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 212, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 212, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 212, 216);  
box-shadow:4px 4px 4px 4px rgb(148, 212,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 20.991, 203.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 212, 216) }
```

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

```
.background{ background-color: rgb(148,  
212, 216) }
```

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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