

Converting Colors

CIELCh(81, 31.684, 164.858)

Have a look what the booklet for
CIELCh(81, 31.684, 164.858)
contains.

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Color

CIELCh(81, 31.841, 164.913)

Conversions

Conversions Part 1

Format	Color
Hex	8CD9B9
RGB	140, 217, 185
RGB Percent	55%, 85%, 73%
CMY	0.4524, 0.1504, 0.2759
CMYK	0.36, 0.00, 0.15, 0.15
HSL	155°, 50%, 70%
HSV	155°, 36%, 85%
XYZ	44.1949, 58.4711, 54.6615
YIQ	190.3290, -35.6200, -26.2760

Conversions

Conversions Part 2

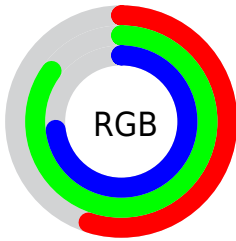
Format	Color
RYB	140, 189, 217
Decimal	9230777
CIELab	81.00, -30.74, 8.29
CIELCh	81, 31.841, 164.913
Yxy	58.4711, 0.2809, 0.3717
Android (android.graphics.Color)	4287420857 (0xFF8CD9B9)
YUV	190.3290, -2.6272, -44.1385
Hunter-Lab	76.4664, -30.6493, 11.1434

Details

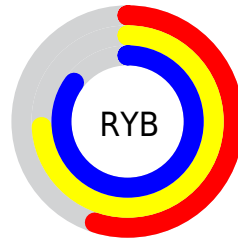
The CIELCh color **81, 31.841, 164.913** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 33.995, 352.256**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.243, 178.265**, and **61, 32.004, 164.831** is the 20% darker color. If you saturate the color by 10%, you get **80, 40.092, 163.643**, and if you desaturate by 10%, it is **82, 23.157, 166.051**.

Distribution



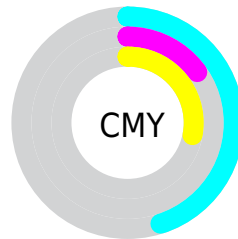
- Red (55%)
- Green (85%)
- Blue (73%)



- Red (55%)
- Yellow (74%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)





- Cyan (45%)
- Magenta (15%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 31.841, 164.913 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, 31.841, 164.913 by changing the saturation by 10% instead.


 81, 31.841,
164.913


 81, 31.841,
164.913


 100, 31.841,
164.913


 71, 31.841,
164.913


 61, 31.841,
164.913

 51, 31.841,
164.913

 41, 31.841,
164.913

 31, 31.841,
164.913

 21, 31.841,
164.913

 11, 31.841,

164.913

■ 1, 31.841, 164.913

■ 0, 31.841, 164.913

■ 81, 31.841,
164.913

■ 81, 31.841,
164.913

■ 80, 40.092,
163.643

■ 82, 23.157,
166.051

■ 79, 47.751,
162.218

■ 84, 14.187,
167.087

■ 78, 54.681,
160.612

■ 86, 5.067, 168.078

■ 77, 60.775,
158.803

■ 87, 4.090, 348.729

■ 89, 13.193,
349.599

■ 77, 65.993,

156.781

90, 17.857,
341.052

77, 70.375,
154.556

91, 21.052,
331.156

77, 72.168,
153.554

91, 24.026,
325.261

Harmonies

Complementary

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



81, 31.841, 164.913



67, 33.995, 352.256

Rectangle

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



81, 31.841, 164.913



81, 31.841, 214.913



81, 31.841, 344.913



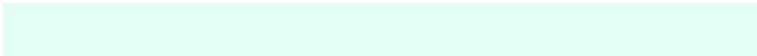
81, 31.841, 34.913

Sweetspot

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



81, 31.842, 164.912



98, 11.481, 167.524



82, 43.643, 130.284



52, 7.712, 167.390



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, 31.842, 164.912



93, 43.394, 163.927



80, 22.823, 206.533



44, 5.144, 167.689



62, 59.996, 153.962



15, 21.509, 158.986

Inverse Universe

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



67, 33.995, 352.256



73, 46.940, 353.403



67, 29.556, 28.913



42, 5.237, 349.264



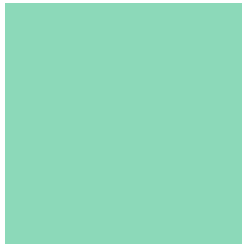
36, 62.652, 9.839



5, 22.829, 359.724

Previews

White Background



This preview shows how the CIELCh color 81, 31.841, 164.913 looks on a white background.

Color Contrast Check

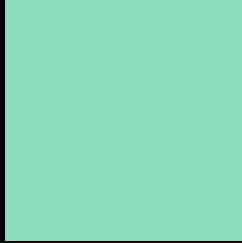
Large Text (above 18pt) WCAG AA × Fail

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, 31.841, 164.913 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

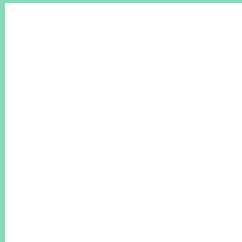
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 31.841, 164.913

Background



This preview shows how black text looks on a background with the CIELCh color 81, 31.841, 164.913.

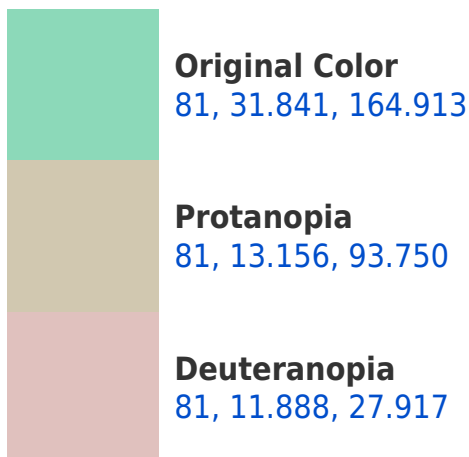


This preview shows how white text looks on a background with the CIELCh color 81, 31.841, 164.913.

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

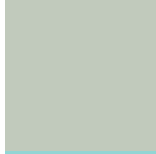
Trichromacy



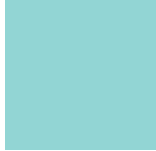
Original Color
81, 31.841, 164.913



Protanomaly
81, 16.557, 138.636



Deuteranomaly
80, 8.171, 133.630

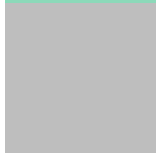


Tritanomaly
81, 22.092, 196.463

Monochromacy



Original Color
81, 31.841, 164.913



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 12.098, 166.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 31.841, 164.913 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, 217, 185)` looks like.

```
.text, #text, p{  
    color:rgb(140, 217, 185)  
}
```

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, 217, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 217, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 31.841, 164.913 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, 217, 185) }
```

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

```
.border{ border-color:rgb(140, 217, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 217, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 217, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 217, 185);  
box-shadow:4px 4px 4px 4px rgb(140, 217,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 31.841, 164.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 217, 185) }
```

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

```
.background{ background-color: rgb(140,  
217, 185) }
```

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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