

Converting Colors

CIELCh(81, 36.146, 156.983)

Have a look what the booklet for
CIELCh(81, 36.146, 156.983)
contains.

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Color

CIELCh(81, 35.718, 157.336)

Conversions

Conversions Part 1

Format	Color
Hex	8CD9AE
RGB	140, 217, 174
RGB Percent	55%, 85%, 68%
CMY	0.4497, 0.1477, 0.3164
CMYK	0.35, 0.00, 0.20, 0.15
HSL	146°, 51%, 70%
HSV	146°, 35%, 85%
XYZ	43.4407, 58.4711, 49.2052
YIQ	189.0750, -32.0890, -29.6970

Conversions

Conversions Part 2

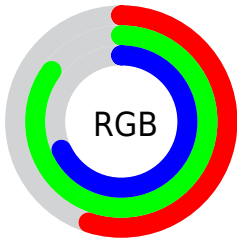
Format	Color
RYB	140, 193, 217
Decimal	9230766
CIELab	81.00, -32.96, 13.76
CIElCh	81, 35.718, 157.336
Yxy	58.4711, 0.2875, 0.3869
Android (android.graphics.Color)	4287420846 (0xFF8CD9AE)
YUV	189.0750, -7.4320, -43.0388
Hunter-Lab	76.4664, -32.4101, 15.3741

Details

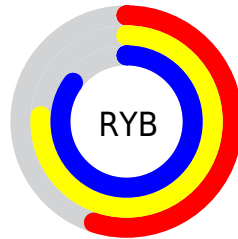
The CIELCh color **81, 35.718, 157.336** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 36.839, 343.800**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 24.140, 165.800**, and **61, 35.775, 157.592** is the 20% darker color. If you saturate the color by 10%, you get **80, 45.249, 156.107**, and if you desaturate by 10%, it is **82, 25.813, 158.417**.

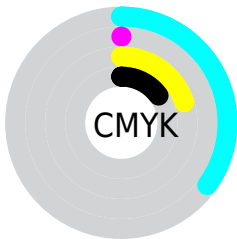
Distribution



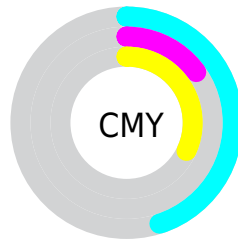
- Red (55%)
- Green (85%)
- Blue (68%)



- Red (55%)
- Yellow (76%)
- Blue (85%)



- Cyan (35%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)





- Cyan (45%)
- Magenta (15%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 35.718, 157.336 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, 35.718, 157.336 by changing the saturation by 10% instead.


 81, 35.718,
157.336


 81, 35.718,
157.336


 100, 35.718,
157.336


 71, 35.718,
157.336


 61, 35.718,
157.336

 51, 35.718,
157.336

 41, 35.718,
157.336

 31, 35.718,
157.336

 21, 35.718,
157.336

 11, 35.718,

157.336

■ 1, 35.718, 157.336

■ 0, 35.718, 157.336

■ 81, 35.718,
157.336

■ 81, 35.718,
157.336

■ 80, 45.249,
156.107

■ 82, 25.813,
158.417

■ 79, 54.225,
154.708

■ 84, 15.696,
159.380

■ 78, 62.476,
153.116

■ 86, 5.513, 160.276

■ 77, 69.863,
151.315

■ 88, 4.621, 340.873

■ 90, 14.616,
341.622

■ 77, 76.307,

149.306

91, 20.422,
331.739

77, 81.807,
147.121

91, 23.585,
325.246

76, 84.099,
146.129

Harmonies

Complementary

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



81, 35.718, 157.336



67, 36.839, 343.800

Rectangle

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



81, 35.718, 157.336



81, 35.718, 207.336



81, 35.718, 337.336



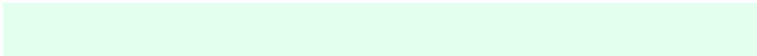
81, 35.718, 27.336

Sweetspot

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



81, 35.719, 157.335



98, 12.728, 159.769



83, 41.958, 124.966



52, 8.554, 159.648



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, 35.719, 157.335



92, 48.895, 156.372



82, 25.326, 191.417



45, 5.810, 159.916



62, 70.489, 146.503



15, 25.681, 151.229

Inverse Universe

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



67, 36.839, 343.800



74, 50.632, 344.709



66, 31.420, 17.602



43, 5.868, 341.329



37, 64.444, 356.375



6, 25.753, 350.311

Previews

White Background



This preview shows how the CIELCh color 81, 35.718, 157.336 looks on a white background.

Color Contrast Check

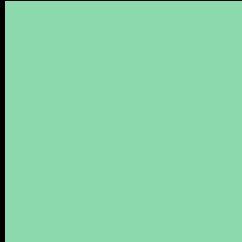
Large Text (above 18pt) WCAG AA × Fail

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, 35.718, 157.336 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

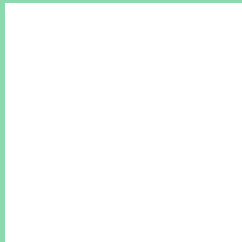
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 35.718, 157.336

Background



This preview shows how black text looks on a background with the CIELCh color 81, 35.718, 157.336.

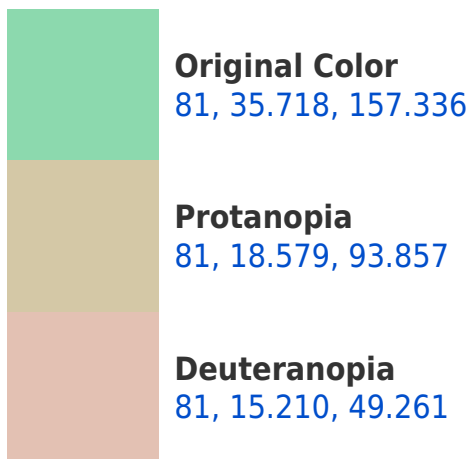


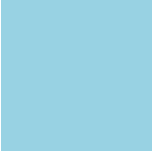
This preview shows how white text looks on a background with the CIELCh color 81, 35.718, 157.336.

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



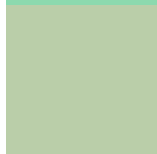


Tritanopia
81, 20.386, 224.748

Trichromacy



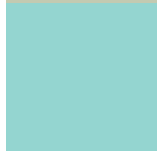
Original Color
81, 35.718, 157.336



Protanomaly
80, 21.011, 129.683



Deuteranomaly
80, 13.513, 120.323



Tritanomaly
81, 21.933, 190.842

Monochromacy



Original Color
81, 35.718, 157.336



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 13.094, 160.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 35.718, 157.336 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(140, 217, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 217, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 35.718, 157.336 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, 174) }
```

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

```
.border{ border-color:rgb(140, 217, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 217, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 217, 174);  
box-shadow:4px 4px 4px 4px rgb(140, 217,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 35.718, 157.336 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, 174) }
```

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

```
.background{ background-color: rgb(140,  
217, 174) }
```

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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