

Converting Colors

CIELCh(81, 9.392, 174.961)

Have a look what the booklet for
CIELCh(81, 9.392, 174.961) contains.

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Color

CIELCh(81, 9.115, 174.680)

Conversions

Conversions Part 1

Format	Color
Hex	B7CEC7
RGB	183, 206, 199
RGB Percent	72%, 81%, 78%
CMY	0.2815, 0.1913, 0.2188
CMYK	0.11, 0.00, 0.03, 0.19
HSL	162°, 19%, 76%
HSV	162°, 11%, 81%
XYZ	52.0339, 58.4711, 62.7048
YIQ	198.3250, -11.4610, -7.0530

Conversions

Conversions Part 2

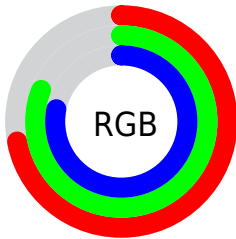
Format	Color
R_{YB}	183, 197, 206
Decimal	12046023
CIE Lab	81.00, -9.08, 0.85
CIE LCh	81, 9.115, 174.680
Yxy	58.4711, 0.3004, 0.3376
Android (android.graphics.Color)	4290236103 (0xFFB7CEC7)
YUV	198.3250, 0.3328, -13.4400
Hunter-Lab	76.4664, -12.3503, 4.9069

Details

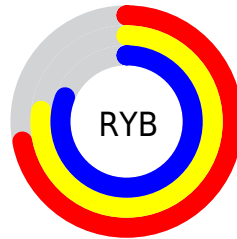
The CIELCh color $81, 9.115, 174.680$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 9.408, 356.670$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.502, 199.177$, and $61, 9.281, 173.433$ is the 20% darker color. If you saturate the color by 10%, you get $80, 17.115, 173.654$, and if you desaturate by 10%, it is $83, 0.946, 176.061$.

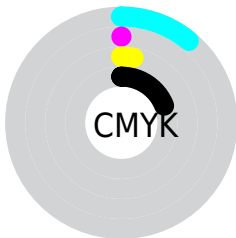
Distribution



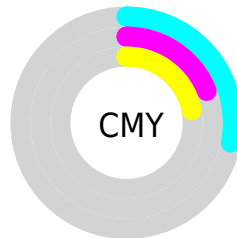
- Red (72%)
- Green (81%)
- Blue (78%)



- Red (72%)
- Yellow (77%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 9.115, 174.680 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, 9.115, 174.680 by changing the saturation by 10% instead.

■ 81, 9.115, 174.680

■ 81, 9.115, 174.680

■ 100, 9.115,
174.680

■ 71, 9.115, 174.680

■ 61, 9.115, 174.680

■ 51, 9.115, 174.680

■ 41, 9.115, 174.680

■ 31, 9.115, 174.680

■ 21, 9.115, 174.680

■ 11, 9.115, 174.680

■ 1, 9.115, 174.680

■ 0, 9.115, 174.680

81, 9.115, 174.680

81, 9.115, 174.680

80, 17.115,
173.654

83, 0.946, 176.061

78, 24.823,
172.568

84, 7.296, 356.349

77, 32.107,
171.387

86, 15.529,
357.206

76, 38.828,
170.086

87, 20.117,
353.096

75, 44.860,
168.640

88, 21.700,
345.332

75, 50.101,
167.025

88, 23.644,
338.776

74, 54.499,
165.220

88, 25.867,
333.327

74, 58.069,
163.213

88, 28.300,
328.822

■ 74, 60.700,
161.327

■ 88, 30.589,
325.489

Harmonies

Complementary

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



81, 9.115, 174.680



77, 9.408, 356.670

Rectangle

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



81, 9.115, 174.680



81, 9.115, 224.680



81, 9.115, 354.680



81, 9.115, 44.680

Sweetspot

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



81, 9.117, 174.673



99, 2.923, 175.572



81, 13.553, 134.738



53, 2.216, 175.457



0, 0.000, 0.000



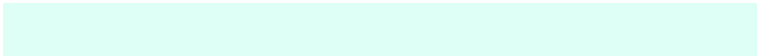
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81, 9.117, 174.673



97, 12.601, 174.472



80, 6.964, 217.882



42, 4.600, 174.852



60, 51.297, 161.696



12, 17.639, 167.014

Inverse Universe

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



77, 9.408, 356.670



91, 13.076, 356.888



77, 7.475, 37.375



40, 4.725, 356.480



35, 63.220, 20.198



4, 18.570, 4.676

Previews

White Background



This preview shows how the CIELCh color 81, 9.115, 174.680 looks on a white background.

Color Contrast Check

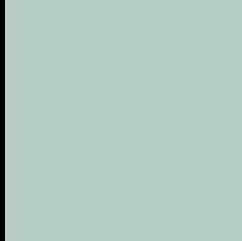
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 81, 9.115, 174.680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

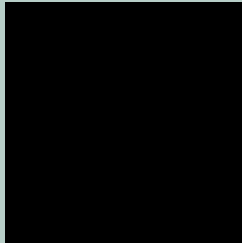
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

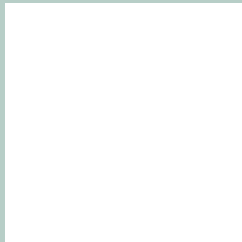
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 9.115, 174.680

Background



This preview shows how black text looks on a background with the CIELCh color 81, 9.115, 174.680.



This preview shows how white text looks on a background with the CIELCh color 81, 9.115, 174.680.

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



Original Color
81, 9.115, 174.680

Protanopia
81, 3.052, 63.256

Deuteranopia
81, 10.535, 356.524



Tritanopia
81, 10.025, 257.449

Trichromacy



Original Color
81, 9.115, 174.680

Protanomaly
81, 3.038, 138.772

Deuteranomaly
81, 3.686, 353.959

Tritanomaly
81, 7.524, 233.576

Monochromacy



Original Color
81, 9.115, 174.680

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 3.654, 173.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 9.115, 174.680 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(183, 206, 199)` looks like.

```
.text, #text, p{  
    color:rgb(183, 206, 199)  
}
```

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(183, 206, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 206, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 9.115, 174.680 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(183, 206, 199) }
```

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

```
.border{ border-color:rgb(183, 206, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 206, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 206, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 206, 199);  
box-shadow:4px 4px 4px 4px rgb(183, 206,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 9.115, 174.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 206, 199) }
```

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

```
.background{ background-color: rgb(183,  
206, 199) }
```

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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