

Converting Colors

CIELCh(81, 7.835, 186.896)

Have a look what the booklet for
CIELCh(81, 7.835, 186.896) contains.

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Color

CIELCh(81, 8.032, 187.406)

Conversions

Conversions Part 1

Format	Color
Hex	B8CECB
RGB	184, 206, 203
RGB Percent	72%, 81%, 80%
CMY	0.2795, 0.1932, 0.2050
CMYK	0.11, 0.00, 0.01, 0.19
HSL	172°, 18%, 76%
HSV	172°, 11%, 81%
XYZ	52.4590, 58.4711, 64.8548
YIQ	199.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

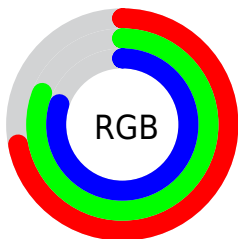
Format	Color
RYB	184, 196, 206
Decimal	12111563
CIELab	81.00, -7.96, -1.04
CIELCh	81, 8.032, 187.406
Yxy	58.4711, 0.2984, 0.3326
Android (android.graphics.Color)	4290301643 (0xFFB8CECB)
YUV	199.0800, 1.9326, -13.2252
Hunter-Lab	76.4664, -11.3581, 3.2398

Details

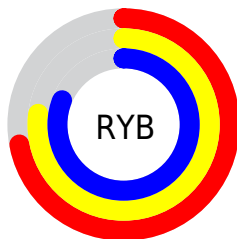
The CIELCh color $81, 8.032, 187.406$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 8.447, 9.101$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.163, 199.206$, and $61, 8.089, 186.626$ is the 20% darker color. If you saturate the color by 10%, you get $80, 15.235, 186.517$, and if you desaturate by 10%, it is $83, 0.526, 189.178$.

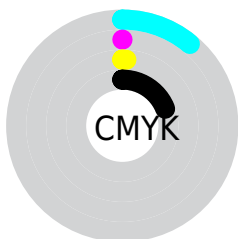
Distribution



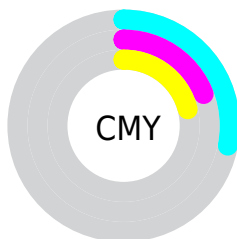
- Red (72%)
- Green (81%)
- Blue (80%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.032, 187.406 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, 8.032, 187.406 by changing the saturation by 10% instead.

■ 81, 8.032, 187.406

■ 81, 8.032, 187.406

■ 100, 8.032,
187.406

■ 71, 8.032, 187.406

■ 61, 8.032, 187.406

■ 51, 8.032, 187.406

■ 41, 8.032, 187.406

■ 31, 8.032, 187.406

■ 21, 8.032, 187.406

■ 11, 8.032, 187.406

■ 1, 8.032, 187.406

■ 0, 8.032, 187.406

81, 8.032, 187.406

81, 8.032, 187.406

80, 15.235,
186.517

83, 0.526, 189.178

78, 22.011,
185.628

84, 7.184, 8.881

77, 28.235,
184.707

86, 15.006, 9.705

76, 33.782,
183.739

87, 19.062, 3.406

76, 38.540,
182.706

87, 19.469,
359.262

75, 42.431,
181.589

87, 19.979,
355.315

75, 45.422,
180.368

87, 20.583,
351.589

74, 47.543,
179.022

87, 21.275,
348.098

■ 74, 48.917,
177.677

Harmonies

Complementary

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



81, 8.032, 187.406



77, 8.447, 9.101

Rectangle

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



81, 8.032, 187.406



81, 8.032, 237.406



81, 8.032, 7.406



81, 8.032, 57.406

Sweetspot

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



81, 8.033, 187.396



99, 2.713, 188.195



81, 13.625, 139.777



53, 2.055, 188.079



0, 0.000, 0.000



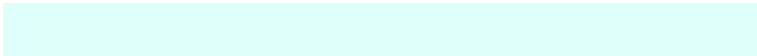
53, 0.007, 296.813

Same Dimension

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



81, 8.033, 187.396



98, 11.574, 187.177



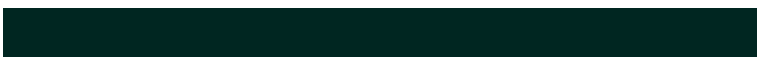
79, 6.451, 238.868



42, 4.242, 187.514



61, 41.552, 177.922



13, 14.969, 181.328

Inverse Universe

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



77, 8.447, 9.101



91, 12.315, 9.360



78, 6.788, 56.789



40, 4.432, 8.967



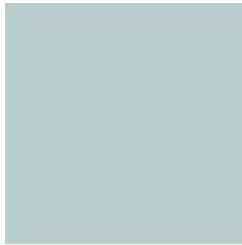
34, 69.887, 33.366



4, 18.062, 12.712

Previews

White Background



This preview shows how the CIELCh color 81, 8.032, 187.406 looks on a white background.

Color Contrast Check

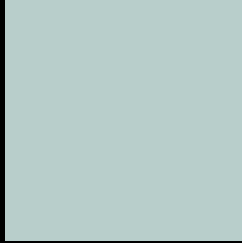
Large Text (above 18pt) WCAG AA × Fail

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, 8.032, 187.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

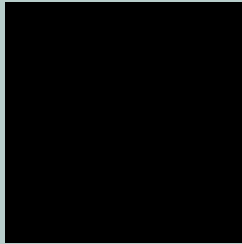
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

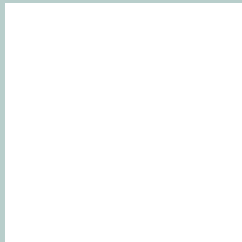
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 8.032, 187.406

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.032, 187.406.



This preview shows how white text looks on a background with the CIELCh color 81, 8.032, 187.406.

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, 8.032, 187.406

Protanopia

81, 1.907, 35.376

Deuteranopia

81, 10.011, 348.218



Tritanopia
81, 10.025, 257.449

Trichromacy



Original Color
81, 8.032, 187.406

Protanomaly
81, 2.115, 169.410

Deuteranomaly
81, 3.711, 333.849

Tritanomaly
81, 7.814, 236.930

Monochromacy



Original Color
81, 8.032, 187.406

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.954, 188.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.032, 187.406 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(184, 206, 203)` looks like.

```
.text, #text, p{  
    color:rgb(184, 206, 203)  
}
```

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(184, 206, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 206, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.032, 187.406 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(184, 206, 203) }
```

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

```
.border{ border-color:rgb(184, 206, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 206, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 206, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 206, 203);  
box-shadow:4px 4px 4px 4px rgb(184, 206,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.032, 187.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 206, 203) }
```

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

```
.background{ background-color: rgb(184,  
206, 203) }
```

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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