

Converting Colors

CIELCh(81, 3.822, 184.752)

Have a look what the booklet for
CIELCh(81, 3.822, 184.752) contains.

CIELCh(81, 3.655, 190.919)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 3.655, 190.919)

Conversions

Conversions Part 1

Format	Color
Hex	C1BCA
RGB	193, 203, 202
RGB Percent	76%, 80%, 79%
CMY	0.2422, 0.2030, 0.2069
CMYK	0.05, 0.00, 0.00, 0.20
HSL	174°, 9%, 78%
HSV	174°, 5%, 80%
XYZ	54.1562, 58.4711, 64.4590
YIQ	199.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

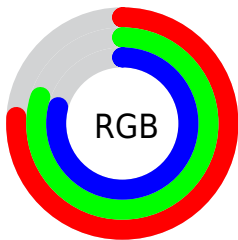
Format	Color
R_{YB}	193, 198, 203
Decimal	12700618
CIE _{Lab}	81.00, -3.59, -0.69
CIE _{LCh}	81, 3.655, 190.919
Yxy	58.4711, 0.3058, 0.3302
Android (android.graphics.Color)	4290890698 (0xFFC1BCA)
YUV	199.8960, 1.0373, -6.0478
Hunter-Lab	76.4664, -7.3963, 3.5467

Details

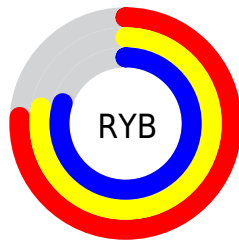
The CIELCh color **81, 3.655, 190.919** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 3.752, 11.376**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.081, 199.592**, and **61, 3.860, 190.757** is the 20% darker color. If you saturate the color by 10%, you get **80, 10.874, 190.025**, and if you desaturate by 10%, it is **83, 3.833, 11.367**.

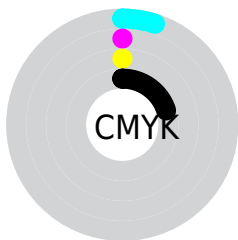
Distribution



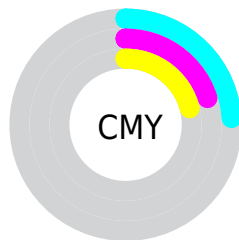
- Red (76%)
- Green (80%)
- Blue (79%)



- Red (76%)
- Yellow (78%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 3.655, 190.919 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, 3.655, 190.919 by changing the saturation by 10% instead.

■ 81, 3.655, 190.919

■ 81, 3.655, 190.919

■ 100, 3.655,
190.919

■ 71, 3.655, 190.919

■ 61, 3.655, 190.919

■ 51, 3.655, 190.919

■ 41, 3.655, 190.919

■ 31, 3.655, 190.919

■ 21, 3.655, 190.919

■ 11, 3.655, 190.919

■ 1, 3.655, 190.919

■ 0, 3.655, 190.919

81, 3.655, 190.919

81, 3.655, 190.919

80, 10.874,
190.025

83, 3.833, 11.367

78, 17.709,
189.223

84, 11.499, 12.215

77, 24.040,
188.418

86, 19.260, 12.978

76, 29.743,
187.596

86, 19.812, 7.026

75, 34.701,
186.745

86, 20.026, 4.054

75, 38.821,
185.852

87, 20.618,
358.343

74, 42.048,
184.898

87, 20.992,
355.627

74, 44.378,
183.867

■ 74, 45.877,
182.742

Harmonies

Complementary

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



81, 3.655, 190.919



79, 3.752, 11.376

Rectangle

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



81, 3.655, 190.919



81, 3.655, 240.919



81, 3.655, 10.919



81, 3.655, 60.919

Sweetspot

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



81, 3.656, 190.895



100, 0.896, 191.763



81, 6.249, 141.040



53, 0.509, 191.805



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, 3.656, 190.895



99, 5.348, 190.778



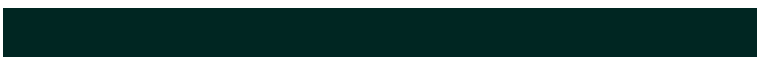
80, 2.995, 242.519



43, 2.950, 190.731



61, 39.851, 182.336



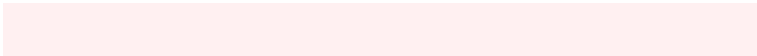
13, 14.506, 185.022

Inverse Universe

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



79, 3.752, 11.376



96, 5.518, 11.501



80, 3.048, 61.245



41, 3.052, 11.553



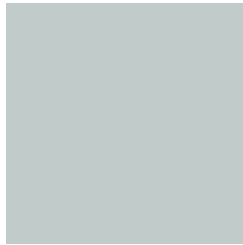
34, 71.506, 35.451



4, 17.998, 14.474

Previews

White Background



This preview shows how the CIE LCh color 81, 3.655, 190.919 looks on a white background.

Color Contrast Check

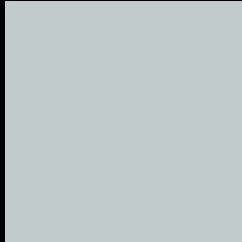
Large Text (above 18pt) WCAG AA × Fail

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, 3.655, 190.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

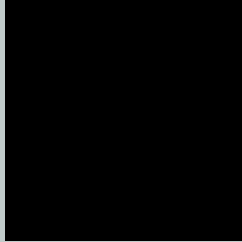
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

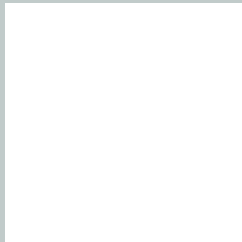
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 3.655, 190.919

Background



This preview shows how black text looks on a background with the CIELCh color 81, 3.655, 190.919.



This preview shows how white text looks on a background with the CIELCh color 81, 3.655, 190.919.

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, 3.655, 190.919

Protanopia

81, 1.468, 19.142

Deuteranopia

81, 10.075, 351.953



Tritanopia
81, 8.651, 279.233

Trichromacy



Original Color
81, 3.655, 190.919

Protanomaly
81, 0.363, 200.903

Deuteranomaly
81, 5.164, 348.815

Tritanomaly
81, 5.822, 265.444

Monochromacy



Original Color
81, 3.655, 190.919

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.090, 199.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 3.655, 190.919 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(193, 203, 202)` looks like.

```
.text, #text, p{  
    color:rgb(193, 203, 202)  
}
```

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(193, 203, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 203, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 3.655, 190.919 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(193, 203, 202) }
```

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

```
.border{ border-color:rgb(193, 203, 202) }
```

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

Here you see how a box with a 4 pixel rgb(193, 203, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(193, 203,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 3.655, 190.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 203, 202) }
```

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

```
.background{ background-color: rgb(193,  
203, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor