

Converting Colors

CIELCh(81, 6.204, 138.619)

Have a look what the booklet for
CIELCh(81, 6.204, 138.619) contains.

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Color

CIELCh(81, 6.732, 139.139)

Conversions

Conversions Part 1

Format	Color
Hex	C3CCC1
RGB	195, 204, 193
RGB Percent	76%, 80%, 76%
CMY	0.2363, 0.2010, 0.2441
CMYK	0.04, 0.00, 0.05, 0.20
HSL	109°, 10%, 78%
HSV	109°, 5%, 80%
XYZ	53.5694, 58.4711, 58.7666
YIQ	200.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

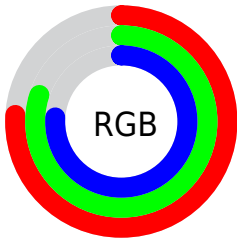
Format	Color
RYB	193, 204, 202
Decimal	12831937
CIELab	81.00, -5.09, 4.40
CIElCh	81, 6.732, 139.139
Yxy	58.4711, 0.3136, 0.3423
Android (android.graphics.Color)	4291022017 (0xFFC3CCC1)
YUV	200.0550, -3.4781, -4.4332
Hunter-Lab	76.4664, -8.7661, 7.9604

Details

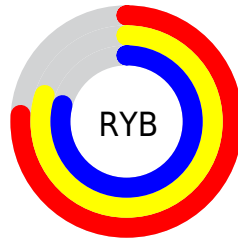
The CIELCh color **81, 6.732, 139.139** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 6.766, 319.563**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.223, 129.010**, and **61, 6.652, 141.415** is the 20% darker color. If you saturate the color by 10%, you get **79, 19.318, 138.612**, and if you desaturate by 10%, it is **83, 5.714, 319.512**.

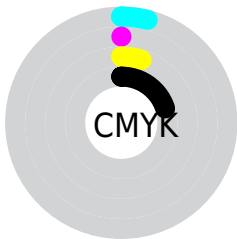
Distribution



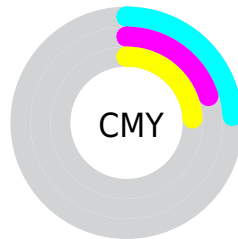
- Red (76%)
- Green (80%)
- Blue (76%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 6.732, 139.139 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, 6.732, 139.139 by changing the saturation by 10% instead.

■ 81, 6.732, 139.139

■ 81, 6.732, 139.139

■ 100, 6.732,
139.139

■ 71, 6.732, 139.139

■ 61, 6.732, 139.139

■ 51, 6.732, 139.139

■ 41, 6.732, 139.139

■ 31, 6.732, 139.139

■ 21, 6.732, 139.139

■ 11, 6.732, 139.139

■ 1, 6.732, 139.139

■ 0, 6.732, 139.139

81, 6.732, 139.139

81, 6.732, 139.139

79, 19.318,
138.612

83, 5.714, 319.512

78, 31.923,
138.030

85, 17.944,
319.916

77, 44.388,
137.385

87, 29.904,
320.245

75, 56.492,
136.690

88, 32.141,
325.543

74, 67.939,
135.982

74, 78.336,
135.328

73, 87.190,
134.832

72, 93.962,
134.625

■ 72, 98.264,
134.803

Harmonies

Complementary

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



81, 6.732, 139.139



79, 6.766, 319.563

Rectangle

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



81, 6.732, 139.139



81, 6.732, 189.139



81, 6.732, 319.139



81, 6.732, 9.139

Sweetspot

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



81, 6.734, 139.141



100, 2.979, 139.351



81, 4.802, 100.758



53, 1.694, 139.360



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, 6.734, 139.141



99, 8.984, 139.105



81, 5.694, 154.655



42, 4.962, 139.079



59, 85.334, 134.787



12, 27.187, 139.240

Inverse Universe

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



79, 6.766, 319.563



96, 9.026, 319.597



79, 5.722, 335.276



41, 4.986, 319.621



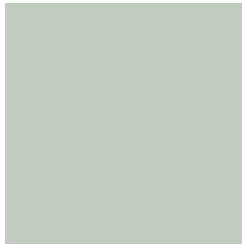
34, 85.068, 321.403



4, 27.161, 320.194

Previews

White Background



This preview shows how the CIELCh color 81, 6.732, 139.139 looks on a white background.

Color Contrast Check

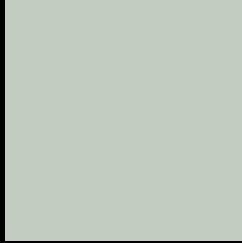
Large Text (above 18pt) WCAG AA × Fail

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, 6.732, 139.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

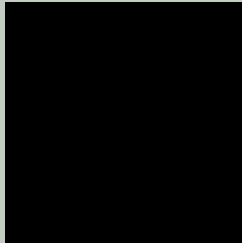
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

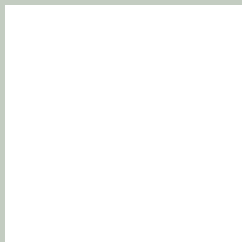
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 6.732, 139.139

Background



This preview shows how black text looks on a background with the CIELCh color 81, 6.732, 139.139.



This preview shows how white text looks on a background with the CIELCh color 81, 6.732, 139.139.

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, 6.732, 139.139

Protanopia
81, 5.420, 80.841

Deuteranopia
81, 10.918, 17.457



Tritanopia
81, 8.527, 286.196

Trichromacy



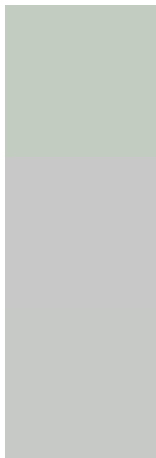
Original Color
81, 6.732, 139.139

Protanomaly
81, 4.813, 100.845

Deuteranomaly
81, 5.986, 40.398

Tritanomaly
81, 3.968, 269.369

Monochromacy



Original Color
81, 6.732, 139.139

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.395, 137.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 6.732, 139.139 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(195, 204, 193)` looks like.

```
.text, #text, p{  
    color:rgb(195, 204, 193)  
}
```

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(195, 204, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 204, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 6.732, 139.139 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(195, 204, 193) }
```

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

```
.border{ border-color:rgb(195, 204, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 204, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 204, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 204, 193);  
box-shadow:4px 4px 4px 4px rgb(195, 204,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 6.732, 139.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 204, 193) }
```

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

```
.background{ background-color: rgb(195,  
204, 193) }
```

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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