

Converting Colors

CIELCh(81, 2.080, 295.238)

Have a look what the booklet for
CIELCh(81, 2.080, 295.238) contains.

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Color

CIELCh(81, 2.132, 290.397)

Conversions

Conversions Part 1	
Format	Color
Hex	C9C9CD
RGB	201, 201, 205
RGB Percent	79%, 79%, 80%
CMY	0.2125, 0.2125, 0.1968
CMYK	0.02, 0.02, 0.00, 0.20
HSL	240°, 4%, 80%
HSV	240°, 2%, 80%
XYZ	55.8719, 58.4711, 65.9746
YIQ	201.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

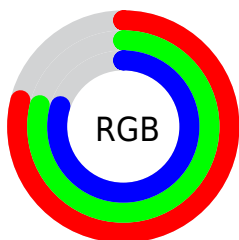
Format	Color
RYB	201, 201, 205
Decimal	13224397
CIELab	81.00, 0.74, -2.00
CIELCh	81, 2.132, 290.397
Yxy	58.4711, 0.3099, 0.3243
Android (android.graphics.Color)	4291414477 (0xFFC9C9CD)
YUV	201.4560, 1.7472, -0.3999
Hunter-Lab	76.4664, -3.3912, 2.3715

Details

The CIELCh color **81, 2.132, 290.397** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 2.102, 109.928**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **61, 2.257, 290.452** is the 20% darker color. If you saturate the color by 10%, you get **74, 13.253, 291.404**, and if you desaturate by 10%, it is **88, 8.562, 109.421**.

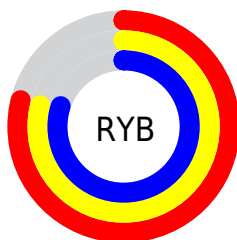
Distribution



Red (79%)

Green (79%)

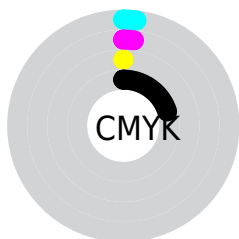
Blue (80%)



Red (79%)

Yellow (79%)

Blue (80%)

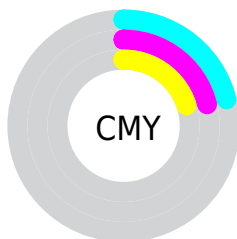


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (20%)



Cyan (21%)

Magenta (21%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 2.132, 290.397 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, 2.132, 290.397 by changing the saturation by 10% instead.

 81, 2.132, 290.397

 81, 2.132, 290.397

100, 2.132,
290.397

 71, 2.132, 290.397

 61, 2.132, 290.397

 51, 2.132, 290.397

 41, 2.132, 290.397


 31, 2.132, 290.397

 21, 2.132, 290.397


 11, 2.132, 290.397

 1, 2.132, 290.397


 0, 2.132, 290.397


 81, 2.132, 290.397


 81, 2.132, 290.397


 74, 13.253,
291.404


 88, 8.562, 109.421


 67, 24.841,
292.659


 95, 18.858,
108.656


 60, 36.929,
294.138


 99, 25.332,
108.256

 53, 49.539,
295.862

 47, 62.634,
297.831

 40, 76.028,
299.993

 35, 89.176,
302.202

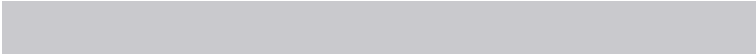
 30, 100.894,
304.190

■ 26,109.357,
305.610

Harmonies

Complementary

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



81, 2.132, 290.397



82, 2.102, 109.928

Rectangle

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



81, 2.132, 290.397



81, 2.132, 340.397



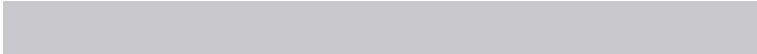
81, 2.132, 110.397



81, 2.132, 160.397

Sweetspot

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



81, 2.130, 290.364



99, 1.307, 290.301



82, 1.447, 198.288



53, 0.743, 290.299



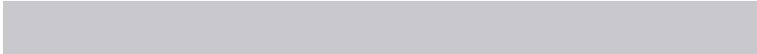
0, 0.000, 0.000



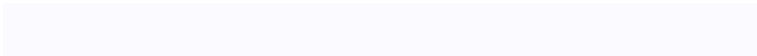
53, 0.007, 296.813

Same Dimension

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



81, 2.130, 290.364



98, 2.607, 290.370



81, 2.253, 308.519



42, 1.234, 290.358



19, 96.889, 306.276



1, 23.520, 292.426

Inverse Universe

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



81, 1.466, 19.071



99, 1.795, 19.089



82, 2.228, 128.450



43, 0.849, 19.051



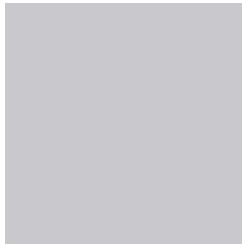
34, 75.519, 39.789



4, 17.911, 19.364

Previews

White Background



This preview shows how the CIE LCh color 81, 2.132, 290.397 looks on a white background.

Color Contrast Check

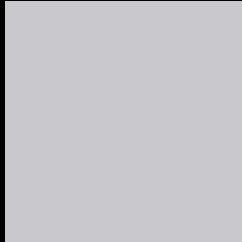
Large Text (above 18pt) WCAG AA × Fail

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, 2.132, 290.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

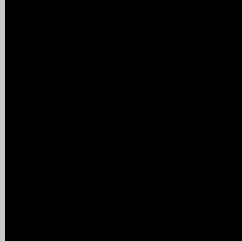
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

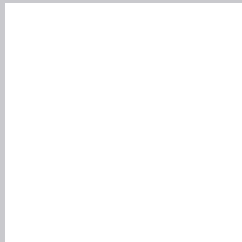
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 2.132, 290.397

Background



This preview shows how black text looks on a background with the CIELCh color 81, 2.132, 290.397.

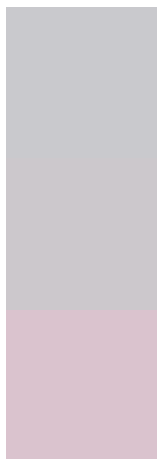


This preview shows how white text looks on a background with the CIELCh color 81, 2.132, 290.397.

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, 2.132, 290.397

Protanopia

81, 2.598, 324.448

Deuteranopia


81, 10.293, 345.702



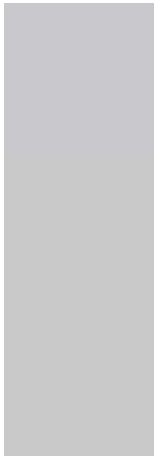
Tritanopia

81, 8.598, 298.046

Trichromacy

	Original Color 81, 2.132, 290.397
	Protanomaly 81, 2.409, 317.296
	Deuteranomaly 81, 7.307, 339.109
	Tritanomaly 81, 5.906, 297.663

Monochromacy

	Original Color 81, 2.132, 290.397
	Achromatopsia 81, 0.010, 296.813
	Achromatomaly 81, 0.540, 290.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 2.132, 290.397 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(201, 201, 205)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 205)  
}
```

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(201, 201, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 205) }
```

Border

The CSS property to change the border of an element to CIElCh 81, 2.132, 290.397 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(201, 201, 205) }
```

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

```
.border{ border-color:rgb(201, 201, 205) }
```

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

Here you see how a box with a 4 pixel rgb(201, 201, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 205);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 2.132, 290.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 205) }
```

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

```
.background{ background-color: rgb(201,  
201, 205) }
```

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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