

Converting Colors

CIELCh(81, 14.019, 337.593)

Have a look what the booklet for
CIELCh(81, 14.019, 337.593)
contains.

CIELCh(81, 14.019, 337.593)	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, 14.019, 337.593)

Conversions

Conversions Part 1

Format	Color
Hex	DDC1D3
RGB	221, 193, 211
RGB Percent	87%, 76%, 83%
CMY	0.1318, 0.2416, 0.1710
CMYK	0.00, 0.13, 0.05, 0.13
HSL	321°, 29%, 81%
HSV	321°, 13%, 87%
XYZ	60.9051, 58.4711, 69.9650
YIQ	203.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

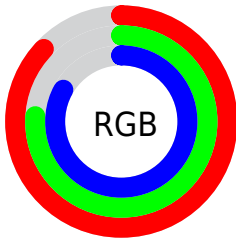
Format	Color
R _Y B	221, 193, 211
Decimal	14533075
CIE Lab	81.00, 12.96, -5.34
CIE LCh	81, 14.019, 337.593
Yxy	58.4711, 0.3217, 0.3088
Android (android.graphics.Color)	4292723155 (0xFFDDC1D3)
YUV	203.4240, 3.7350, 15.4142
Hunter-Lab	76.4664, 8.3582, -0.7225

Details

The CIELCh color **81, 14.019, 337.593** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 13.903, 155.767**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 324.451**, and **61, 14.533, 336.797** is the 20% darker color. If you saturate the color by 10%, you get **75, 25.244, 338.403**, and if you desaturate by 10%, it is **87, 2.913, 336.752**.

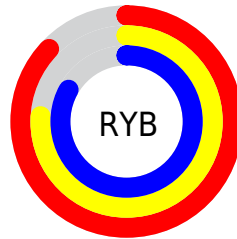
Distribution



Red (87%)

Green (76%)

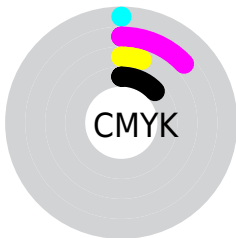
Blue (83%)



Red (87%)

Yellow (76%)

Blue (83%)

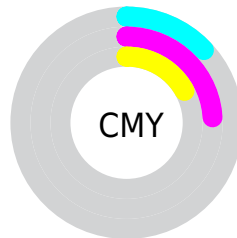


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (13%)



Cyan (13%)


Magenta (24%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 14.019, 337.593 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, 14.019, 337.593 by changing the saturation by 10% instead.


 81, 14.019,
337.593


 81, 14.019,
337.593


 100, 14.019,
337.593


 71, 14.019,
337.593


 61, 14.019,
337.593

 51, 14.019,
337.593

 41, 14.019,
337.593

 31, 14.019,
337.593

 21, 14.019,
337.593

 11, 14.019,

337.593

■ 1, 14.019, 337.593

■ 0, 14.019, 337.593

■ 81, 14.019,
337.593

■ 81, 14.019,
337.593

■ 75, 25.244,
338.403

■ 87, 2.913, 336.752

■ 70, 36.408,
339.273

■ 93, 7.951, 156.245

■ 65, 47.218,
340.226

■ 97, 15.632,
158.004

■ 61, 57.272,
341.291

■ 97, 13.198,
170.998

■ 57, 66.057,

■ 98, 11.660,
188.450

342.510

98, 11.348,
198.748

53, 73.011,
343.945

51, 77.647,
345.680

49, 79.747,
347.821

49, 80.034,
349.660

Harmonies

Complementary

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



81, 14.019, 337.593



86, 13.903, 155.767

Rectangle

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



81, 14.019, 337.593



81, 14.019, 27.593



81, 14.019, 157.593



81, 14.019, 207.593

Sweetspot

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



81, 14.017, 337.595



97, 4.935, 336.896



80, 15.399, 304.369



52, 3.509, 336.965



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, 14.017, 337.595



90, 18.673, 337.790



81, 10.704, 8.256



43, 6.225, 337.342



38, 66.898, 349.183



6, 27.015, 344.670

Inverse Universe

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



81, 14.017, 337.595



90, 18.673, 337.790



86, 10.103, 186.120



43, 6.225, 337.342



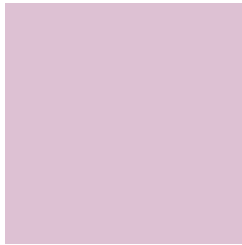
38, 66.898, 349.183



6, 27.015, 344.670

Previews

White Background



This preview shows how the CIELCh color 81, 14.019, 337.593 looks on a white background.

Color Contrast Check

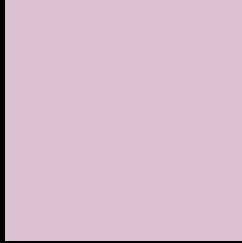
Large Text (above 18pt) WCAG AA × Fail

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, 14.019, 337.593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

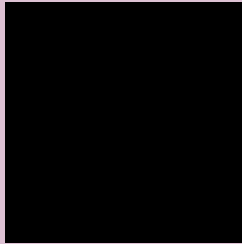
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 14.019, 337.593

Background



This preview shows how black text looks on a background with the CIELCh color 81, 14.019, 337.593.

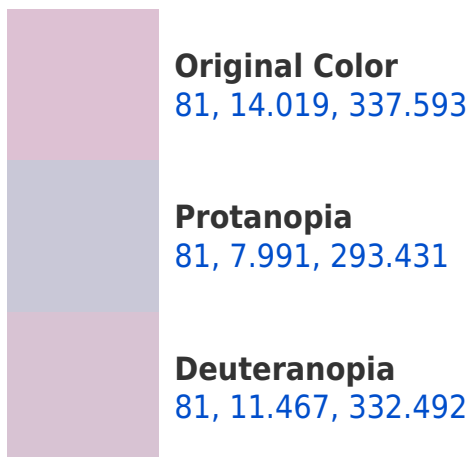


This preview shows how white text looks on a background with the CIELCh color 81, 14.019, 337.593.

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





Tritanopia
81, 12.717, 341.723

Trichromacy



Original Color
81, 14.019, 337.593

Protanomaly
81, 9.278, 313.603

Deuteranomaly
81, 12.604, 334.673

Tritanomaly
81, 13.046, 339.892

Monochromacy



Original Color
81, 14.019, 337.593

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.232, 334.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 14.019, 337.593 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(221, 193, 211)` looks like.

```
.text, #text, p{  
    color:rgb(221, 193, 211)  
}
```

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(221, 193, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 193, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 14.019, 337.593 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(221, 193, 211) }
```

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

```
.border{ border-color:rgb(221, 193, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 193, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 193, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 193, 211);  
box-shadow:4px 4px 4px 4px rgb(221, 193,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 14.019, 337.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 193, 211) }
```

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

```
.background{ background-color: rgb(221,  
193, 211) }
```

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