

Converting Colors

CIELCh(81, 14.638, 337.077)

Have a look what the booklet for
CIELCh(81, 14.638, 337.077)
contains.

CIELCh(81, 14.638, 337.077)	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, 14.638, 337.077)

Conversions

Conversions Part 1

Format	Color
Hex	DEC1D4
RGB	222, 193, 212
RGB Percent	87%, 76%, 83%
CMY	0.1291, 0.2428, 0.1683
CMYK	0.00, 0.13, 0.05, 0.13
HSL	321°, 31%, 81%
HSV	321°, 13%, 87%
XYZ	61.1264, 58.4711, 70.4008
YIQ	203.8370, 11.1850, 12.0570

Conversions

Conversions Part 2

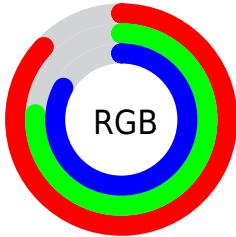
Format	Color
R_{YB}	222, 193, 212
Decimal	14598612
CIE _{Lab}	81.00, 13.48, -5.70
CIE _{LCh}	81, 14.638, 337.077
Yxy	58.4711, 0.3217, 0.3077
Android (android.graphics.Color)	4292788692 (0xFFDEC1D4)
YUV	203.8370, 4.0244, 15.9290
Hunter-Lab	76.4664, 8.8748, -1.0604

Details

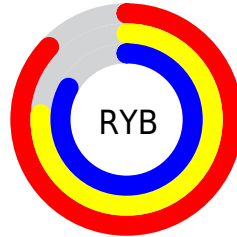
The CIELCh color **81, 14.638, 337.077** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86, 14.522, 155.206**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 324.451**, and **61, 14.810, 337.893** is the 20% darker color. If you saturate the color by 10%, you get **75, 25.985, 337.876**, and if you desaturate by 10%, it is **87, 3.400, 336.262**.

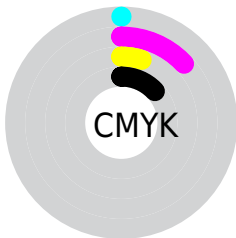
Distribution



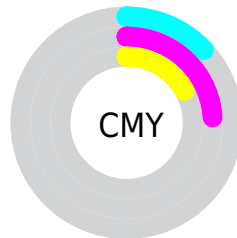
- Red (87%)
- Green (76%)
- Blue (83%)



- 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, 14.638, 337.077 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, 14.638, 337.077 by changing the saturation by 10% instead.


 81, 14.638,
337.077


 81, 14.638,
337.077


 100, 14.638,
337.077


 71, 14.638,
337.077


 61, 14.638,
337.077

 51, 14.638,
337.077

 41, 14.638,
337.077

 31, 14.638,
337.077

 21, 14.638,
337.077

 11, 14.638,

337.077

■ 1, 14.638, 337.077

■ 0, 14.638, 337.077

■ 81, 14.638,
337.077

■ 81, 14.638,
337.077

■ 75, 25.985,
337.876

■ 87, 3.400, 336.262

■ 70, 37.253,
338.731

■ 93, 7.601, 155.743

■ 65, 48.144,
339.666

■ 97, 15.482,
157.370

■ 61, 58.245,
340.705

■ 97, 13.084,
169.933

■ 57, 67.038,

■ 98, 11.515,
186.848

341.890

98, 11.128,
198.763

54, 73.956,
343.277

51, 78.517,
344.948

50, 80.518,
347.003

49, 80.758,
348.656

Harmonies

Complementary

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



81, 14.638, 337.077



86, 14.522, 155.206

Rectangle

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



81, 14.638, 337.077



81, 14.638, 27.077



81, 14.638, 157.077



81, 14.638, 207.077

Sweetspot

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



81, 14.635, 337.079



97, 4.979, 336.358



80, 15.908, 303.797



52, 3.540, 336.426



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, 14.635, 337.079



90, 20.104, 337.319



81, 11.137, 7.009



44, 6.400, 336.799



39, 68.071, 348.229



7, 28.579, 344.064

Inverse Universe

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



81, 14.635, 337.079



90, 20.104, 337.319



86, 10.519, 184.745



44, 6.400, 336.799



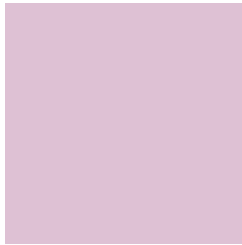
39, 68.071, 348.229



7, 28.579, 344.064

Previews

White Background



This preview shows how the CIELCh color 81, 14.638, 337.077 looks on a white background.

Color Contrast Check

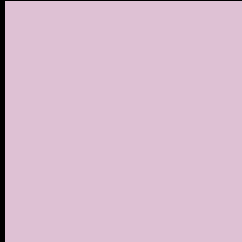
Large Text (above 18pt) WCAG AA × Fail

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, 14.638, 337.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

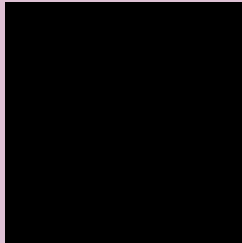
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 14.638, 337.077

Background



This preview shows how black text looks on a background with the CIELCh color 81, 14.638, 337.077.



This preview shows how white text looks on a background with the CIELCh color 81, 14.638, 337.077.

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, 14.638, 337.077

Protanopia
81, 8.509, 290.936

Deuteranopia
81, 11.862, 330.770



Tritanopia
81, 13.005, 342.779

Trichromacy



Original Color
81, 14.638, 337.077

Protanomaly
81, 10.405, 313.186

Deuteranomaly
81, 12.984, 333.032

Tritanomaly
81, 13.326, 340.961

Monochromacy



Original Color
81, 14.638, 337.077

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.495, 337.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 14.638, 337.077 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(222, 193, 212)` looks like.

```
.text, #text, p{  
    color:rgb(222, 193, 212)  
}
```

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(222, 193, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 193, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 14.638, 337.077 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(222, 193, 212) }
```

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

```
.border{ border-color:rgb(222, 193, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 193, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 193, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 193, 212);  
box-shadow:4px 4px 4px 4px rgb(222, 193,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 14.638, 337.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 193, 212) }
```

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

```
.background{ background-color: rgb(222,  
193, 212) }
```

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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