

Converting Colors

CIELCh(81, 21.059, 321.949)

Have a look what the booklet for
CIELCh(81, 21.059, 321.949)
contains.

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Color

CIELCh(81, 21.044, 321.923)

Conversions

Conversions Part 1

Format	Color
Hex	DEC0E2
RGB	222, 192, 226
RGB Percent	87%, 75%, 89%
CMY	0.1309, 0.2485, 0.1152
CMYK	0.02, 0.15, 0.00, 0.12
HSL	293°, 37%, 82%
HSV	293°, 15%, 88%
XYZ	62.4459, 58.4711, 79.6666
YIQ	204.8460, 6.9660, 16.9340

Conversions

Conversions Part 2

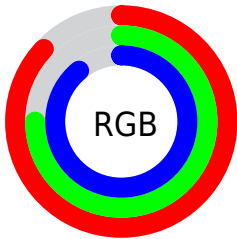
Format	Color
R _Y B	222, 192, 226
Decimal	14598370
CIE Lab	81.00, 16.57, -12.98
CIE LCh	81, 21.044, 321.923
Yxy	58.4711, 0.3113, 0.2915
Android (android.graphics.Color)	4292788450 (0xFFDEC0E2)
YUV	204.8460, 10.4289, 15.0441
Hunter-Lab	76.4664, 11.9550, -8.2449

Details

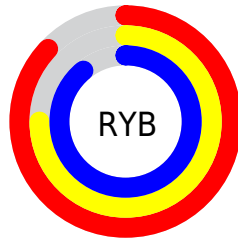
The CIELCh color **81, 21.044, 321.923** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87, 20.946, 140.428**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.358, 324.523**, and **61, 21.539, 322.008** is the 20% darker color. If you saturate the color by 10%, you get **75, 35.150, 322.405**, and if you desaturate by 10%, it is **87, 7.024, 321.419**.

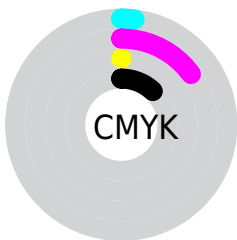
Distribution



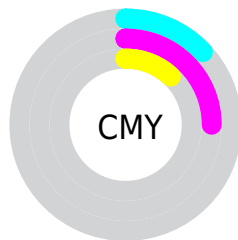
- Red (87%)
- Green (75%)
- Blue (89%)



- Red (87%)
- Yellow (75%)
- Blue (89%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)





- Cyan (13%)
- Magenta (25%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 21.044, 321.923 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, 21.044, 321.923 by changing the saturation by 10% instead.


 81, 21.044,
321.923


 81, 21.044,
321.923


 100, 21.044,
321.923


 71, 21.044,
321.923

 61, 21.044,
321.923

 51, 21.044,
321.923

 41, 21.044,
321.923

 31, 21.044,
321.923

 21, 21.044,
321.923

 11, 21.044,

321.923

■ 1, 21.044, 321.923

■ 0, 21.044, 321.923

■ 81, 21.044,
321.923

■ 81, 21.044,
321.923

■ 75, 35.150,
322.405

■ 87, 7.024, 321.419

■ 70, 49.119,
322.866

■ 93, 6.756, 141.022

■ 65, 62.615,
323.287

■ 98, 17.572,
140.149

■ 61, 75.182,
323.640

■ 98, 17.089,
137.531

■ 57, 86.260,

■ 98, 16.642,
134.747

323.897

98, 16.236,
131.799

53, 95.244,
324.023

98, 15.876,
128.690

51, 101.629,
323.991

98, 15.565,
125.429

50, 105.212,
323.782

99, 15.307,
122.028

49, 106.267,
323.635

Harmonies

Complementary

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



81, 21.044, 321.923



87, 20.946, 140.428

Rectangle

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



81, 21.044, 321.923



81, 21.044, 11.923



81, 21.044, 141.923



81, 21.044, 191.923

Sweetspot

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



81, 21.042, 321.923



97, 7.660, 321.417



80, 15.758, 285.936



51, 5.228, 321.456



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, 21.042, 321.923



89, 27.814, 322.072



81, 16.868, 338.216



44, 7.867, 321.645



38, 88.231, 323.707



7, 35.736, 324.252

Inverse Universe

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



81, 12.954, 11.046



88, 17.258, 11.383



87, 16.703, 155.969



44, 4.776, 10.462



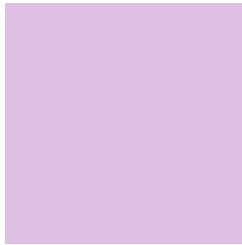
37, 74.118, 34.721



6, 25.326, 15.973

Previews

White Background



This preview shows how the CIELCh color 81, 21.044, 321.923 looks on a white background.

Color Contrast Check

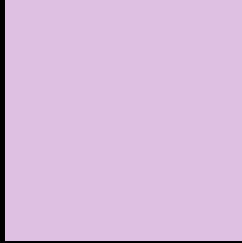
Large Text (above 18pt) WCAG AA × Fail

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, 21.044, 321.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

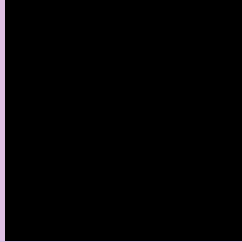
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 21.044, 321.923

Background



This preview shows how black text looks on a background with the CIELCh color 81, 21.044, 321.923.




This preview shows how white text looks on a background with the CIELCh color 81, 21.044, 321.923.

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, 12.501, 337.622

Trichromacy



Original Color
81, 21.044, 321.923

Protanomaly
81, 17.304, 300.850

Deuteranomaly
81, 18.024, 314.543

Tritanomaly
81, 15.683, 329.498

Monochromacy



Original Color
81, 21.044, 321.923

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 7.360, 320.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 21.044, 321.923 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, 192, 226)` looks like.

```
.text, #text, p{  
    color:rgb(222, 192, 226)  
}
```

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, 192, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 192, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 21.044, 321.923 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, 192, 226) }
```

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

```
.border{ border-color:rgb(222, 192, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 192, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 192, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 192, 226);  
box-shadow:4px 4px 4px 4px rgb(222, 192,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 21.044, 321.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 192, 226) }
```

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

```
.background{ background-color: rgb(222,  
192, 226) }
```

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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