

Converting Colors

CIELCh(81, 12.783, 322.840)

Have a look what the booklet for
CIELCh(81, 12.783, 322.840)
contains.

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Color

CIELCh(81, 13.149, 322.303)

Conversions

Conversions Part 1

Format	Color
Hex	D6C3D8
RGB	214, 195, 216
RGB Percent	84%, 76%, 85%
CMY	0.1596, 0.2342, 0.1518
CMYK	0.01, 0.10, 0.00, 0.15
HSL	294°, 21%, 81%
HSV	294°, 10%, 85%
XYZ	59.8280, 58.4711, 73.2961
YIQ	203.0750, 4.5830, 10.5590

Conversions

Conversions Part 2

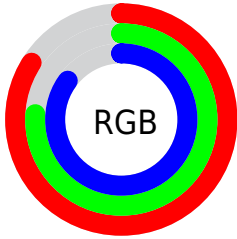
Format	Color
RYB	214, 195, 216
Decimal	14074840
CIELab	81.00, 10.40, -8.04
CIELCh	81, 13.149, 322.303
Yxy	58.4711, 0.3123, 0.3052
Android (android.graphics.Color)	4292264920 (0xFFD6C3D8)
YUV	203.0750, 6.3720, 9.5812
Hunter-Lab	76.4664, 5.8437, -3.3053

Details

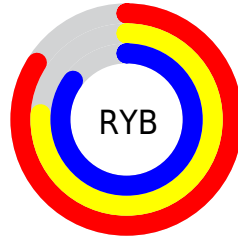
The CIELCh color $81, 13.149, 322.303$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 13.104, 141.361$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 1.871, 324.342$, and $61, 13.229, 322.290$ is the 20% darker color. If you saturate the color by 10%, you get $76, 26.834, 322.803$, and if you desaturate by 10%, it is $87, 0.379, 142.493$.

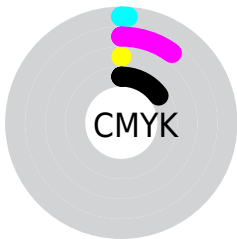
Distribution



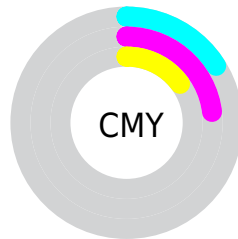
- Red (84%)
- Green (76%)
- Blue (85%)



- Red (84%)
- Yellow (76%)
- Blue (85%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)





- Cyan (16%)
- Magenta (23%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 13.149, 322.303 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, 13.149, 322.303 by changing the saturation by 10% instead.


 81, 13.149,
322.303


 81, 13.149,
322.303


 100, 13.149,
322.303


 71, 13.149,
322.303


 61, 13.149,
322.303

 51, 13.149,
322.303

 41, 13.149,
322.303

 31, 13.149,
322.303

 21, 13.149,
322.303

 11, 13.149,

322.303

■ 1, 13.149, 322.303

■ 0, 13.149, 322.303

■ 81, 13.149,
322.303

■ 81, 13.149,
322.303

■ 76, 26.834,
322.803

■ 87, 0.379, 142.493

■ 70, 40.498,
323.286

■ 92, 13.630,
141.380

■ 65, 53.865,
323.740

■ 97, 23.385,
140.680

■ 61, 66.551,
324.144

■ 97, 22.994,
139.200

■ 57, 78.063,

■ 97, 22.617,
137.662

324.470

97, 22.257,
136.063

53, 87.835,
324.691

97, 21.914,
134.405

51, 95.325,
324.779

97, 21.589,
132.686

49, 100.179,
324.713

98, 21.284,
130.908

48, 102.651,
324.505

Harmonies

Complementary

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



81, 13.149, 322.303



85, 13.104, 141.361

Rectangle

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



81, 13.149, 322.303



81, 13.149, 12.303



81, 13.149, 142.303



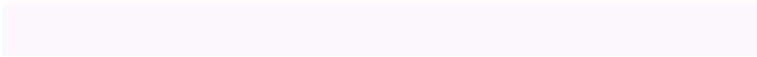
81, 13.149, 192.303

Sweetspot

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



81, 13.147, 322.303



98, 4.623, 321.934



80, 10.090, 286.893



52, 3.505, 321.986



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, 13.147, 322.303



92, 18.599, 322.424



81, 10.218, 339.329



42, 7.622, 322.288



38, 86.139, 324.557



6, 32.337, 324.645

Inverse Universe

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



81, 7.901, 12.273



92, 11.249, 12.511



85, 10.133, 157.924



42, 4.577, 12.244



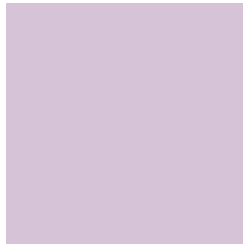
35, 73.440, 35.823



5, 21.966, 15.520

Previews

White Background



This preview shows how the CIELCh color 81, 13.149, 322.303 looks on a white background.

Color Contrast Check

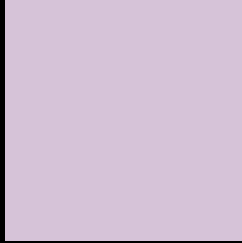
Large Text (above 18pt) WCAG AA × Fail

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, 13.149, 322.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

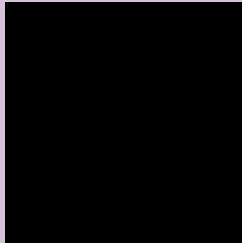
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 13.149, 322.303

Background



This preview shows how black text looks on a background with the CIELCh color 81, 13.149, 322.303.



This preview shows how white text looks on a background with the CIELCh color 81, 13.149, 322.303.

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, 13.149, 322.303

Protanopia

81, 10.103, 291.073

Deuteranopia

81, 13.149, 322.303



Tritanopia
81, 10.350, 329.868

Trichromacy



Original Color
81, 13.149, 322.303

Protanomaly
81, 10.966, 304.161

Deuteranomaly
81, 13.149, 322.303

Tritanomaly
81, 11.184, 326.413

Monochromacy



Original Color
81, 13.149, 322.303

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 4.980, 321.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 13.149, 322.303 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(214, 195, 216)` looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 216)  
}
```

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(214, 195, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 13.149, 322.303 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(214, 195, 216) }
```

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

```
.border{ border-color:rgb(214, 195, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 195, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 216);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 13.149, 322.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 216) }
```

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

```
.background{ background-color: rgb(214,  
195, 216) }
```

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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