

Converting Colors

CIELCh(81, 22.162, 332.612)

Have a look what the booklet for
CIELCh(81, 22.162, 332.612)
contains.

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Color

CIELCh(81, 22.520, 332.355)

Conversions

Conversions Part 1

Format	Color
Hex	E6BDDD
RGB	230, 189, 221
RGB Percent	90%, 74%, 87%
CMY	0.0978, 0.2586, 0.1331
CMYK	0.00, 0.18, 0.04, 0.10
HSL	313°, 45%, 82%
HSV	313°, 18%, 90%
XYZ	63.9156, 58.4711, 76.3594
YIQ	204.9070, 14.1640, 18.6440

Conversions

Conversions Part 2

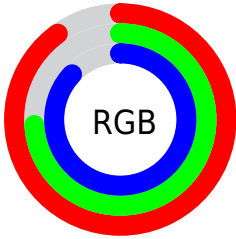
Format	Color
R _{YB}	230, 189, 221
Decimal	15121885
CIE Lab	81.00, 19.95, -10.45
CIE LCh	81, 22.520, 332.355
Yxy	58.4711, 0.3216, 0.2942
Android (android.graphics.Color)	4293311965 (0xFFE6BDDD)
YUV	204.9070, 7.9338, 22.0066
Hunter-Lab	76.4664, 15.3858, -5.6806

Details

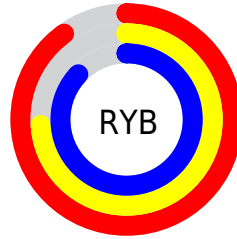
The CIELCh color **81, 22.520, 332.355** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88, 22.419, 149.978**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 6.227, 324.609**, and **61, 22.823, 332.109** is the 20% darker color. If you saturate the color by 10%, you get **76, 35.196, 333.045**, and if you desaturate by 10%, it is **87, 9.826, 331.680**.

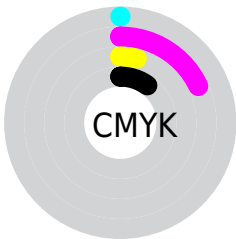
Distribution



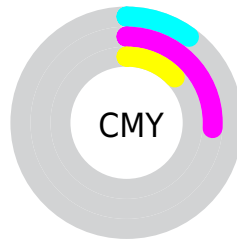
- Red (90%)
- Green (74%)
- Blue (87%)



- Red (90%)
- Yellow (74%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (4%)
- Black (10%)





- Cyan (10%)
- Magenta (26%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 22.520, 332.355 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, 22.520, 332.355 by changing the saturation by 10% instead.


 81, 22.520,
332.355


 81, 22.520,
332.355


 100, 22.520,
332.355


 71, 22.520,
332.355

 61, 22.520,
332.355

 51, 22.520,
332.355

 41, 22.520,
332.355

 31, 22.520,
332.355

 21, 22.520,
332.355

 11, 22.520,

332.355

■ 1, 22.520, 332.355

■ 0, 22.520, 332.355

■ 81, 22.520,
332.355

■ 81, 22.520,
332.355

■ 76, 35.196,
333.045

■ 87, 9.826, 331.680

■ 70, 47.586,
333.761

■ 93, 2.700, 151.217

■ 66, 59.300,
334.506

■ 98, 13.073,
151.572

■ 61, 69.835,
335.290

■ 98, 11.255,
160.249

■ 58, 78.610,

■ 98, 9.770, 171.835

336.129

98, 8.792, 186.686

55, 85.066,
337.048

98, 8.504, 198.946

53, 88.827,
338.088

52, 89.956,
339.291

52, 90.042,
339.566

Harmonies

Complementary

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



81, 22.520, 332.355



88, 22.419, 149.978

Rectangle

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



81, 22.520, 332.355



81, 22.520, 22.355



81, 22.520, 152.355



81, 22.520, 202.355

Sweetspot

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



81, 22.517, 332.356



97, 6.816, 331.482



79, 22.237, 299.951



51, 4.652, 331.533



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, 22.517, 332.356



87, 28.874, 332.581



80, 16.485, 358.908



45, 7.129, 331.791



40, 74.672, 339.335



8, 32.114, 337.271

Inverse Universe

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



81, 22.517, 332.356



87, 28.874, 332.581



88, 15.607, 175.465



45, 7.129, 331.791



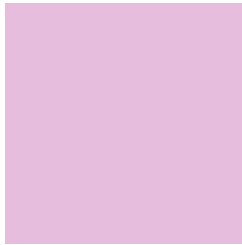
40, 74.672, 339.335



8, 32.114, 337.271

Previews

White Background



This preview shows how the CIELCh color 81, 22.520, 332.355 looks on a white background.

Color Contrast Check

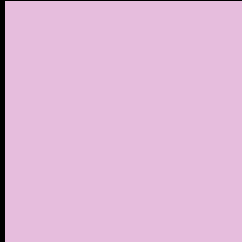
Large Text (above 18pt) WCAG AA × Fail

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, 22.520, 332.355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

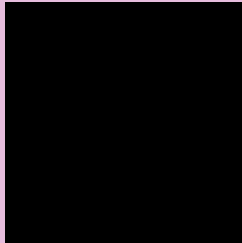
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 22.520, 332.355

Background



This preview shows how black text looks on a background with the CIELCh color 81, 22.520, 332.355.



This preview shows how white text looks on a background with the CIELCh color 81, 22.520, 332.355.

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, 15.233, 351.580

Trichromacy



Original Color
81, 22.520, 332.355

Protanomaly
81, 16.161, 307.859

Deuteranomaly
81, 17.172, 324.079

Tritanomaly
81, 17.506, 343.641

Monochromacy



Original Color
81, 22.520, 332.355

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 8.415, 330.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 22.520, 332.355 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(230, 189, 221)` looks like.

```
.text, #text, p{  
    color:rgb(230, 189, 221)  
}
```

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(230, 189, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 189, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 22.520, 332.355 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(230, 189, 221) }
```

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

```
.border{ border-color:rgb(230, 189, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 189, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 189, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 189, 221);  
box-shadow:4px 4px 4px 4px rgb(230, 189,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 22.520, 332.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 189, 221) }
```

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

```
.background{ background-color: rgb(230,  
189, 221) }
```

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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