

Converting Colors

CIELCh(81, 23.958, 329.620)

Have a look what the booklet for
CIELCh(81, 23.958, 329.620)
contains.

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Color

CIELCh(81, 23.705, 329.787)

Conversions

Conversions Part 1

Format	Color
Hex	E6BDE0
RGB	230, 189, 224
RGB Percent	90%, 74%, 88%
CMY	0.0988, 0.2596, 0.1224
CMYK	0.00, 0.18, 0.03, 0.10
HSL	309°, 45%, 82%
HSV	309°, 18%, 90%
XYZ	64.1505, 58.4711, 78.2829
YIQ	205.2490, 13.2010, 19.5770

Conversions

Conversions Part 2

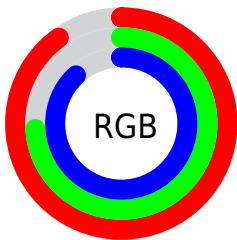
Format	Color
R _Y B	230, 189, 224
Decimal	15121888
CIE Lab	81.00, 20.48, -11.93
CIE LCh	81, 23.705, 329.787
Yxy	58.4711, 0.3193, 0.2910
Android (android.graphics.Color)	4293311968 (0xFFE6BDE0)
YUV	205.2490, 9.2442, 21.7066
Hunter-Lab	76.4664, 15.9340, -7.1720

Details

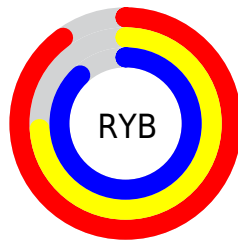
The CIELCh color $81, 23.705, 329.787$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88, 23.643, 147.533$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 6.227, 324.609$, and $61, 24.078, 329.450$ is the 20% darker color. If you saturate the color by 10%, you get $76, 37.010, 330.416$, and if you desaturate by 10%, it is $87, 10.361, 329.159$.

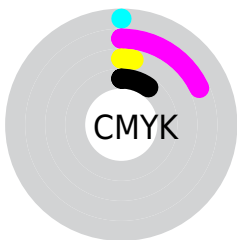
Distribution



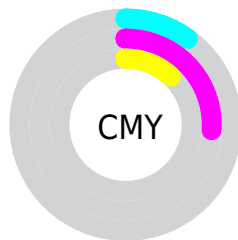
- Red (90%)
- Green (74%)
- Blue (88%)



- Red (90%)
- Yellow (74%)
- Blue (88%)



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (10%)





- Cyan (10%)
- Magenta (26%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 23.705, 329.787 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, 23.705, 329.787 by changing the saturation by 10% instead.


 81, 23.705,
329.787


 81, 23.705,
329.787


 100, 23.705,
329.787


 71, 23.705,
329.787

 61, 23.705,
329.787

 51, 23.705,
329.787

 41, 23.705,
329.787

 31, 23.705,
329.787

 21, 23.705,
329.787

 11, 23.705,

329.787

■ 1, 23.705, 329.787

■ 0, 23.705, 329.787

■ 81, 23.705,
329.787

■ 81, 23.705,
329.787

■ 76, 37.010,
330.416

■ 87, 10.361,
329.159

■ 70, 49.996,
331.050

■ 92, 2.822, 148.714

■ 66, 62.258,
331.686

■ 98, 14.040,
148.635

■ 62, 73.285,
332.322

■ 98, 12.737,
153.443

■ 58, 82.495,

■ 98, 11.538,
159.272

332.960

98, 10.476,
166.339

56, 89.342,
333.608

98, 9.601, 174.820

54, 93.471,
334.284

98, 8.966, 184.724

53, 94.959,
335.013

98, 8.625, 195.750

53, 95.119,
335.175

Harmonies

Complementary

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



81, 23.705, 329.787



88, 23.643, 147.533

Rectangle

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



81, 23.705, 329.787



81, 23.705, 19.787



81, 23.705, 149.787



81, 23.705, 199.787

Sweetspot

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



81, 23.702, 329.787



97, 7.180, 328.973



78, 22.100, 296.957



51, 4.900, 329.022



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, 23.702, 329.787



87, 30.387, 329.993



80, 17.161, 353.235



45, 7.509, 329.263



41, 78.887, 335.043



8, 33.686, 333.848

Inverse Universe

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



81, 23.702, 329.787



87, 30.387, 329.993



88, 16.485, 169.858



45, 7.509, 329.263



41, 78.887, 335.043



8, 33.686, 333.848

Previews

White Background



This preview shows how the CIELCh color 81, 23.705, 329.787 looks on a white background.

Color Contrast Check

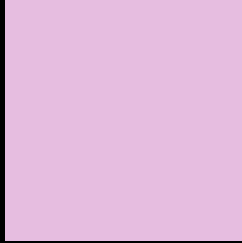
Large Text (above 18pt) WCAG AA × Fail

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, 23.705, 329.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

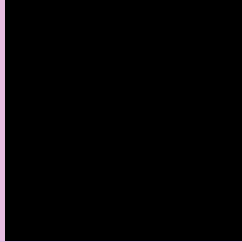
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 23.705, 329.787

Background



This preview shows how black text looks on a background with the CIELCh color 81, 23.705, 329.787.



This preview shows how white text looks on a background with the CIELCh color 81, 23.705, 329.787.

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, 23.705, 329.787

Protanopia

81, 16.505, 286.894

Deuteranopia

81, 14.883, 312.200



Tritanopia
81, 15.162, 349.083

Trichromacy



Original Color
81, 23.705, 329.787

Protanomaly
81, 17.605, 305.344

Deuteranomaly
81, 18.339, 320.399

Tritanomaly
81, 17.857, 340.136

Monochromacy



Original Color
81, 23.705, 329.787

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 8.822, 328.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 23.705, 329.787 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(230, 189, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 189, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 23.705, 329.787 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, 224) }
```

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

```
.border{ border-color:rgb(230, 189, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 189, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 189, 224);  
box-shadow:4px 4px 4px 4px rgb(230, 189,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 23.705, 329.787 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, 224) }
```

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

```
.background{ background-color: rgb(230,  
189, 224) }
```

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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