

Converting Colors

CIELCh(81, 29.740, 328.689)

Have a look what the booklet for
CIELCh(81, 29.740, 328.689)
contains.

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Color

CIELCh(81, 29.322, 329.136)

Conversions

Conversions Part 1

Format	Color
Hex	ECBAE6
RGB	236, 186, 230
RGB Percent	93%, 73%, 90%
CMY	0.0757, 0.2717, 0.0992
CMYK	0.00, 0.21, 0.03, 0.08
HSL	307°, 56%, 83%
HSV	307°, 21%, 92%
XYZ	66.2281, 58.4711, 82.4353
YIQ	205.9660, 15.6760, 24.2840

Conversions

Conversions Part 2

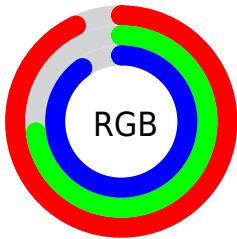
Format	Color
R _Y B	236, 186, 230
Decimal	15514342
CIE Lab	81.00, 25.17, -15.04
CIE LCh	81, 29.322, 329.136
Yxy	58.4711, 0.3197, 0.2823
Android (android.graphics.Color)	4293704422 (0xFFECBAE6)
YUV	205.9660, 11.8488, 26.3398
Hunter-Lab	76.4664, 20.7840, -10.3916

Details

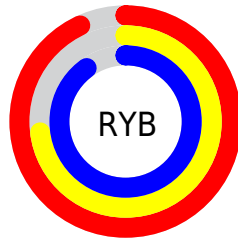
The CIELCh color $81, 29.322, 329.136$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89, 29.261, 146.444$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 8.100, 324.685$, and $61, 29.510, 329.606$ is the 20% darker color. If you saturate the color by 10%, you get $76, 43.070, 329.747$, and if you desaturate by 10%, it is $87, 15.437, 328.525$.

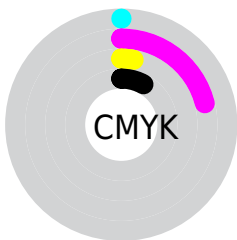
Distribution



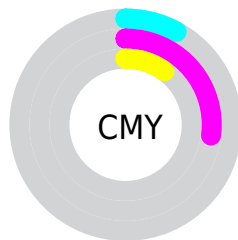
- Red (93%)
- Green (73%)
- Blue (90%)



- Red (93%)
- Yellow (73%)
- Blue (90%)



- Cyan (0%)
- Magenta (21%)
- Yellow (3%)
- Black (8%)





- Cyan (8%)
- Magenta (27%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 29.322, 329.136 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, 29.322, 329.136 by changing the saturation by 10% instead.


 81, 29.322,
329.136


 81, 29.322,
329.136


 100, 29.322,
329.136


 71, 29.322,
329.136

 61, 29.322,
329.136

 51, 29.322,
329.136

 41, 29.322,
329.136

 31, 29.322,
329.136

 21, 29.322,
329.136

 11, 29.322,

329.136

■ 1, 29.322, 329.136

■ 0, 29.322, 329.136

■ 81, 29.322,
329.136

■ 81, 29.322,
329.136

■ 76, 43.070,
329.747

■ 87, 15.437,
328.525

■ 71, 56.352,
330.355

■ 93, 1.658, 327.762

■ 66, 68.708,
330.954

■ 98, 10.996,
147.727

■ 62, 79.581,
331.540

■ 98, 9.890, 152.827

■ 59, 88.376,

■ 98, 8.878, 159.126

332.111

98, 7.994, 166.903

56, 94.585,
332.674

99, 7.285, 176.374

55, 97.968,
333.244

99, 6.809, 187.496

54, 98.968,
333.764

99, 6.617, 199.087

Harmonies

Complementary

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



81, 29.322, 329.136



89, 29.261, 146.444

Rectangle

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



81, 29.322, 329.136



81, 29.322, 19.136



81, 29.322, 149.136



81, 29.322, 199.136

Sweetspot

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



81, 29.319, 329.136



96, 8.782, 328.201



77, 26.981, 296.715



51, 5.827, 328.243



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, 29.319, 329.136



85, 36.845, 329.375



80, 21.113, 352.541



46, 7.788, 328.418



42, 81.354, 333.659



9, 35.317, 332.775

Inverse Universe

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



81, 29.319, 329.136



85, 36.845, 329.375



89, 20.187, 168.455



46, 7.788, 328.418



42, 81.354, 333.659



9, 35.317, 332.775

Previews

White Background



This preview shows how the CIELCh color 81, 29.322, 329.136 looks on a white background.

Color Contrast Check

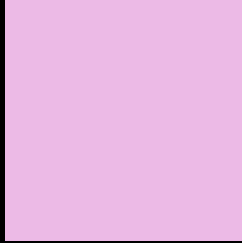
Large Text (above 18pt) WCAG AA × Fail

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, 29.322, 329.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

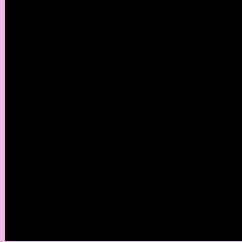
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 29.322, 329.136

Background



This preview shows how black text looks on a background with the CIELCh color 81, 29.322, 329.136.



This preview shows how white text looks on a background with the CIELCh color 81, 29.322, 329.136.

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, 29.322, 329.136

Protanopia
81, 20.801, 285.557

Deuteranopia
81, 17.692, 306.449



Tritanopia
81, 17.472, 353.890

Trichromacy



Original Color
81, 29.322, 329.136

Protanomaly
81, 22.428, 304.366

Deuteranomaly
81, 21.942, 317.350

Tritanomaly
81, 21.431, 341.234

Monochromacy



Original Color
81, 29.322, 329.136

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 10.733, 328.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 29.322, 329.136 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(236, 186, 230)` looks like.

```
.text, #text, p{  
    color:rgb(236, 186, 230)  
}
```

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(236, 186, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 186, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 29.322, 329.136 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(236, 186, 230) }
```

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

```
.border{ border-color:rgb(236, 186, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 186, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 186, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 186, 230);  
box-shadow:4px 4px 4px 4px rgb(236, 186,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 29.322, 329.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 186, 230) }
```

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

```
.background{ background-color: rgb(236,  
186, 230) }
```

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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