

Converting Colors

CIELCh(82, 24.749, 323.636)

Have a look what the booklet for
CIELCh(82, 24.749, 323.636)
contains.

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Color

CIELCh(82, 24.967, 323.268)

Conversions

Conversions Part 1

Format	Color
Hex	E5C0E8
RGB	229, 192, 232
RGB Percent	90%, 75%, 91%
CMY	0.1013, 0.2464, 0.0895
CMYK	0.01, 0.17, 0.00, 0.09
HSL	296°, 47%, 83%
HSV	296°, 17%, 91%
XYZ	65.8480, 60.2982, 84.6444
YIQ	207.6230, 9.2120, 20.2840

Conversions

Conversions Part 2

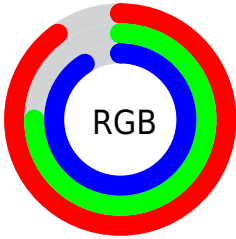
Format	Color
R _Y B	229, 192, 232
Decimal	15057128
CIE Lab	82.00, 20.01, -14.93
CIE LCh	82, 24.967, 323.268
Yxy	60.2982, 0.3124, 0.2861
Android (android.graphics.Color)	4293247208 (0xFFE5C0E8)
YUV	207.6230, 12.0179, 18.7476
Hunter-Lab	77.6519, 15.4753, -10.2727

Details

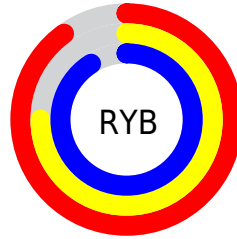
The CIELCh color $82, 24.967, 323.268$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89, 24.881, 141.441$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.736, 324.489$, and $62, 24.982, 323.354$ is the 20% darker color. If you saturate the color by 10%, you get $76, 39.530, 323.768$, and if you desaturate by 10%, it is $88, 10.413, 322.749$.

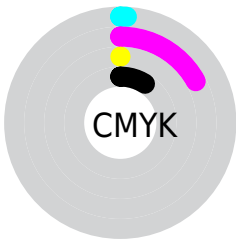
Distribution



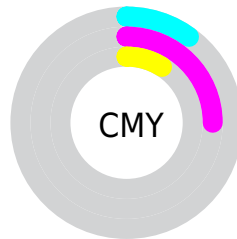
- Red (90%)
- Green (75%)
- Blue (91%)



- Red (90%)
- Yellow (75%)
- Blue (91%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)



- Cyan (10%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 24.967, 323.268 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 82, 24.967, 323.268 by changing the saturation by 10% instead.

 82, 24.967,
323.268

 82, 24.967,
323.268


 100, 24.967,
323.268

 72, 24.967,
323.268

 62, 24.967,
323.268

 52, 24.967,
323.268

 42, 24.967,
323.268

 32, 24.967,
323.268

 22, 24.967,
323.268

 12, 24.967,

323.268

■ 2, 24.967, 323.268

■ 0, 24.967, 323.268

■ 82, 24.967,
323.268

■ 82, 24.967,
323.268

■ 76, 39.530,
323.768

■ 88, 10.413,
322.749

■ 71, 53.831,
324.243

■ 94, 3.940, 142.346

■ 66, 67.479,
324.673

■ 98, 13.788,
141.341

■ 62, 79.963,
325.034

■ 98, 13.462,
139.184

■ 58, 90.694,

■ 98, 13.155,
136.914

325.300

98, 12.870,
134.531

55, 99.087,
325.446

98, 12.609,
132.034

53, 104.731,
325.453

99, 12.372,
129.426

52, 107.607,
325.317

99, 12.162,
126.713

52, 108.149,
325.266

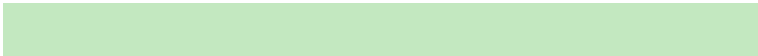
Harmonies

Complementary

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



82, 24.967, 323.268



89, 24.881, 141.441

Rectangle

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



82, 24.967, 323.268



82, 24.967, 13.268



82, 24.967, 143.268



82, 24.967, 193.268

Sweetspot

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



82, 24.964, 323.268



97, 7.760, 322.628



80, 19.574, 288.623



51, 5.297, 322.668



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 24.964, 323.268



87, 32.876, 323.464



82, 19.107, 340.774



46, 8.265, 322.868



41, 89.765, 325.313



8, 38.406, 325.733

Inverse Universe

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



81, 15.200, 14.650



86, 20.254, 15.074



89, 18.834, 158.030



46, 4.920, 13.879



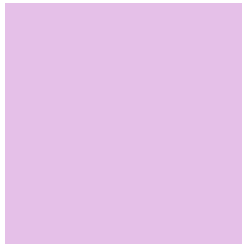
38, 77.727, 36.974



7, 28.236, 19.659

Previews

White Background



This preview shows how the CIELCh color 82, 24.967, 323.268 looks on a white background.

Color Contrast Check

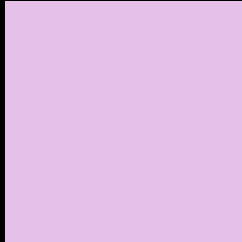
Large Text (above 18pt) WCAG AA × Fail

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 82, 24.967, 323.268 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 82, 24.967, 323.268

Background



This preview shows how black text looks on a background with the CIELCh color 82, 24.967, 323.268.



This preview shows how white text looks on a background with the CIELCh color 82, 24.967, 323.268.

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
82, 24.967, 323.268

Protanopia
82, 19.660, 286.994

Deuteranopia
82, 17.557, 305.334



Tritanopia
82, 13.571, 344.753

Trichromacy



Original Color
82, 24.967, 323.268

Protanomaly
82, 21.125, 302.190

Deuteranomaly
82, 19.567, 313.687

Tritanomaly
82, 17.214, 333.248

Monochromacy



Original Color
82, 24.967, 323.268

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 9.447, 322.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 24.967, 323.268 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(229, 192, 232)` looks like.

```
.text, #text, p{  
    color:rgb(229, 192, 232)  
}
```

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(229, 192, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 192, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 24.967, 323.268 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(229, 192, 232) }
```

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

```
.border{ border-color:rgb(229, 192, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 192, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 192, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 192, 232);  
box-shadow:4px 4px 4px 4px rgb(229, 192,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 24.967, 323.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 192, 232) }
```

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

```
.background{ background-color: rgb(229,  
192, 232) }
```

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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