

Converting Colors

CIELCh(79, 27.533, 324.583)

Have a look what the booklet for
CIELCh(79, 27.533, 324.583)
contains.

CIELCh(79, 27.856, 324.224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 27.856, 324.224)

Conversions

Conversions Part 1

Format	Color
Hex	E0B6E2
RGB	224, 182, 226
RGB Percent	88%, 71%, 89%
CMY	0.1207, 0.2854, 0.1129
CMYK	0.01, 0.19, 0.00, 0.11
HSL	297°, 43%, 80%
HSV	297°, 19%, 89%
XYZ	61.3379, 54.9284, 79.4792
YIQ	199.5740, 10.9080, 22.5880

Conversions

Conversions Part 2

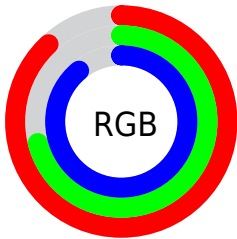
Format	Color
RYB	224, 182, 226
Decimal	14726882
CIELab	79.00, 22.60, -16.29
CIELCh	79, 27.856, 324.224
Yxy	54.9284, 0.3134, 0.2806
Android (android.graphics.Color)	4292916962 (0xFFE0B6E2)
YUV	199.5740, 13.0280, 21.4216
Hunter-Lab	74.1137, 18.0310, -11.7028

Details

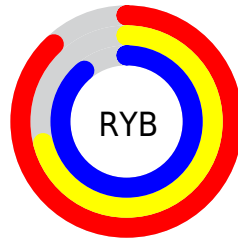
The CIELCh color $79, 27.856, 324.224$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $86, 27.788, 142.059$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 10.602, 324.781$, and $59, 27.831, 323.715$ is the 20% darker color. If you saturate the color by 10%, you get $74, 42.172, 324.736$, and if you desaturate by 10%, it is $85, 13.471, 323.694$.

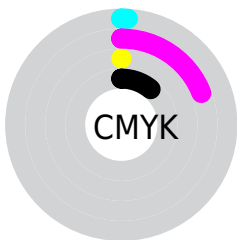
Distribution



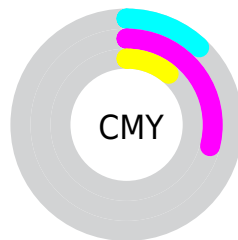
- Red (88%)
- Green (71%)
- Blue (89%)



- Red (88%)
- Yellow (71%)
- Blue (89%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)




- Cyan (12%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 27.856, 324.224 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 79, 27.856, 324.224 by changing the saturation by 10% instead.

 79, 27.856,
324.224

 79, 27.856,
324.224


 100, 27.856,
324.224

 69, 27.856,
324.224

 99, 27.856,
324.224

 59, 27.856,
324.224

 49, 27.856,
324.224

 39, 27.856,
324.224

 29, 27.856,
324.224

 19, 27.856,
324.224

 9, 27.856, 324.224

0, 27.856, 324.224

79, 27.856,
324.224

79, 27.856,
324.224

74, 42.172,
324.736

85, 13.471,
323.694

69, 56.117,
325.219

90, 0.765, 143.552

64, 69.271,
325.654

96, 14.720,
142.710

60, 81.109,
326.020

97, 17.547,
141.855

57, 91.051,
326.295

98, 17.348,
140.882

54, 98.575,
326.458

98, 17.153,
139.884

■ 53, 103.374,
326.500

■ 98, 16.963,
138.861

■ 52, 105.712,
326.431

■ 98, 16.778,
137.812

■ 52, 105.816,
326.426

■ 98, 16.600,
136.738

Harmonies

Complementary

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



79, 27.856, 324.224



86, 27.788, 142.059

Rectangle

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



79, 27.856, 324.224



79, 27.856, 14.224



79, 27.856, 144.224



79, 27.856, 194.224

Sweetspot

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



79, 27.854, 324.224



96, 9.403, 323.505



76, 22.532, 290.374



51, 6.240, 323.543



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 27.854, 324.224



86, 36.317, 324.416



79, 20.688, 342.659



44, 8.040, 323.694



40, 87.693, 326.455



7, 35.896, 326.707

Inverse Universe

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



78, 16.919, 17.213



84, 22.338, 17.615



86, 20.296, 159.417



44, 4.731, 16.256



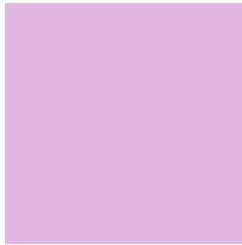
36, 77.174, 38.093



6, 25.437, 19.030

Previews

White Background



This preview shows how the CIELCh color 79, 27.856, 324.224 looks on a white background.

Color Contrast Check

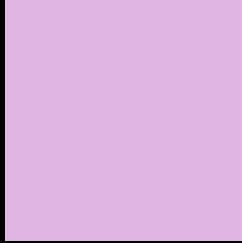
Large Text (above 18pt) WCAG AA × Fail

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 79, 27.856, 324.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

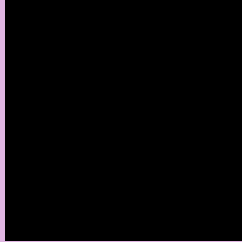
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 27.856, 324.224

Background



This preview shows how black text looks on a background with the CIELCh color 79, 27.856, 324.224.




This preview shows how white text looks on a background with the CIELCh color 79, 27.856, 324.224.

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
79, 14.654, 350.103

Trichromacy



Original Color
79, 27.856, 324.224

Protanomaly
79, 22.333, 301.792

Deuteranomaly
79, 21.209, 312.106

Tritanomaly
79, 18.993, 336.462

Monochromacy



Original Color
79, 27.856, 324.224

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 10.157, 323.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 27.856, 324.224 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(224, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(224, 182, 226)  
}
```

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(224, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 182, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 27.856, 324.224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

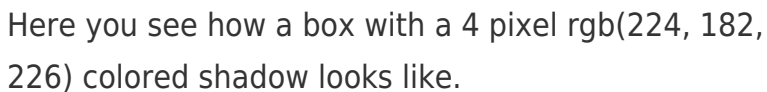
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 182, 226) }
```

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

```
.border{ border-color:rgb(224, 182, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 182, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 182, 226); box-shadow:4px 4px 4px 4px rgb(224, 182, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 27.856, 324.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 182, 226) }
```

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

```
.background{ background-color: rgb(224,  
182, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor