

Converting Colors

CIELCh(79, 27.553, 325.384)

Have a look what the booklet for
CIELCh(79, 27.553, 325.384)
contains.

CIELCh(79, 27.607, 325.481)	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, 27.607, 325.481)

Conversions

Conversions Part 1

Format	Color
Hex	E1B6E1
RGB	225, 182, 225
RGB Percent	88%, 71%, 88%
CMY	0.1175, 0.2861, 0.1175
CMYK	0.00, 0.19, 0.00, 0.12
HSL	300°, 42%, 80%
HSV	300°, 19%, 88%
XYZ	61.4003, 54.9284, 78.6338
YIQ	199.7590, 11.8250, 22.4890

Conversions

Conversions Part 2

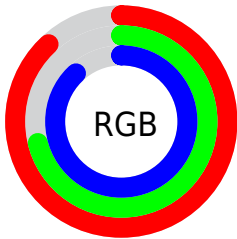
Format	Color
R _Y B	225, 182, 225
Decimal	14792417
CIE Lab	79.00, 22.75, -15.64
CIE LCh	79, 27.607, 325.481
Yxy	54.9284, 0.3149, 0.2817
Android (android.graphics.Color)	4292982497 (0xFFE1B6E1)
YUV	199.7590, 12.4438, 22.1364
Hunter-Lab	74.1137, 18.1814, -11.0264

Details

The CIELCh color $79, 27.607, 325.481$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $86, 27.584, 143.226$, 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 $59, 27.553, 325.042$ is the 20% darker color. If you saturate the color by 10%, you get $74, 42.008, 326.023$, and if you desaturate by 10%, it is $84, 13.105, 324.921$.

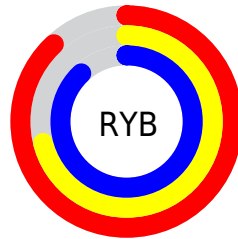
Distribution



Red (88%)

Green (71%)

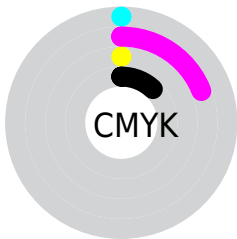
Blue (88%)



Red (88%)

Yellow (71%)

Blue (88%)

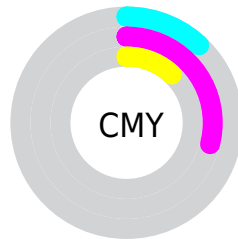


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (12%)



Cyan (12%)


Magenta (29%)


Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 27.607, 325.481 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, 27.607, 325.481 by changing the saturation by 10% instead.

 79, 27.607,
325.481

 79, 27.607,
325.481


 100, 27.607,
325.481


 69, 27.607,
325.481


 99, 27.607,
325.481

 59, 27.607,
325.481

 49, 27.607,
325.481

 39, 27.607,
325.481

 29, 27.607,
325.481

 19, 27.607,
325.481

 9, 27.607, 325.481

0, 27.607, 325.481

79, 27.607,
325.481

79, 27.607,
325.481

74, 42.008,
326.023

84, 13.105,
324.921

69, 55.992,
326.537

90, 1.265, 144.618

65, 69.121,
327.008

96, 15.358,
143.876

61, 80.870,
327.419

97, 18.709,
143.746

58, 90.676,
327.754

97, 18.709,
143.747

56, 98.050,
328.000

97, 18.709,
143.747

■ 54, 102.735,
328.155

■ 97, 18.709,
143.747

■ 53, 104.994,
328.228

■ 97, 18.708,
143.748

■ 53, 105.152,
328.233

■ 97, 18.708,
143.748

Harmonies

Complementary

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



79, 27.607, 325.481



86, 27.584, 143.226

Rectangle

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



79, 27.607, 325.481



79, 27.607, 15.481



79, 27.607, 145.481



79, 27.607, 195.481

Sweetspot

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



79, 27.604, 325.481



96, 9.538, 324.741



75, 23.229, 292.326



51, 6.329, 324.781



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, 27.604, 325.481



86, 36.785, 325.703



78, 19.582, 345.313



44, 8.154, 324.940



42, 87.488, 328.233



8, 35.925, 328.230

Inverse Universe

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



79, 27.604, 325.481



86, 36.785, 325.703



86, 19.117, 161.990



44, 8.154, 324.940



42, 87.488, 328.233



8, 35.925, 328.230

Previews

White Background



This preview shows how the CIELCh color 79, 27.607, 325.481 looks on a white background.

Color Contrast Check

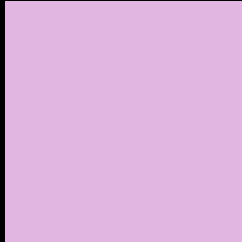
Large Text (above 18pt) WCAG AA × Fail

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, 27.607, 325.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

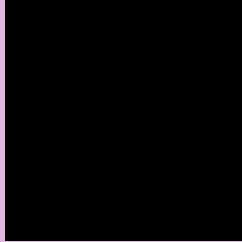
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 27.607, 325.481

Background



This preview shows how black text looks on a background with the CIELCh color 79, 27.607, 325.481.

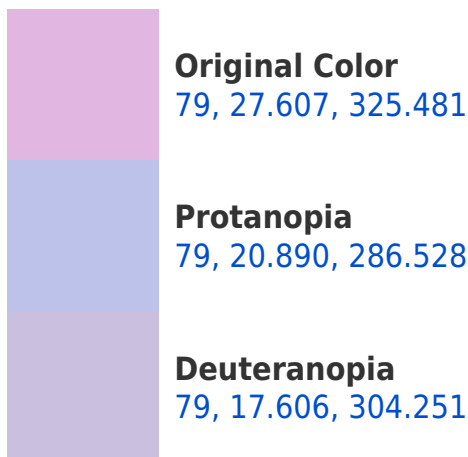


This preview shows how white text looks on a background with the CIELCh color 79, 27.607, 325.481.

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, 15.566, 349.889

Trichromacy



Original Color
79, 27.607, 325.481

Protanomaly
79, 21.808, 302.004

Deuteranomaly
79, 20.839, 313.532

Tritanomaly
79, 19.253, 337.268

Monochromacy



Original Color
79, 27.607, 325.481

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 10.365, 324.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 27.607, 325.481 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(225, 182, 225)` looks like.

```
.text, #text, p{  
    color:rgb(225, 182, 225)  
}
```

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(225, 182, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 182, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 27.607, 325.481 is called "border". The border property can be set on classes, ids or directly on the HTML element.

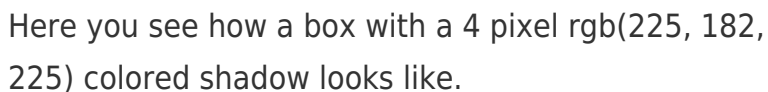
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 182, 225) }
```

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

```
.border{ border-color:rgb(225, 182, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 182, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 182, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 182, 225); box-shadow:4px 4px 4px 4px rgb(225, 182, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 27.607, 325.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 182, 225) }
```

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

```
.background{ background-color: rgb(225,  
182, 225) }
```

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