

Converting Colors

CIELCh(79, 45.432, 316.611)

Have a look what the booklet for
CIELCh(79, 45.432, 316.611)
contains.

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Color

CIELCh(79, 45.327, 316.410)

Conversions

Conversions Part 1

Format	Color
Hex	E5B0FE
RGB	229, 176, 254
RGB Percent	90%, 69%, 100%
CMY	0.1015, 0.3094, 0.0035
CMYK	0.10, 0.31, 0.00, 0.00
HSL	281°, 98%, 84%
HSV	281°, 31%, 100%
XYZ	65.7986, 54.9284, 100.9903
YIQ	200.7390, 6.5500, 35.4940

Conversions

Conversions Part 2

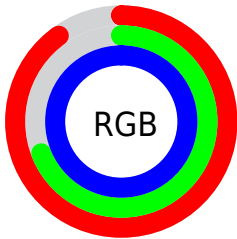
Format	Color
R _Y B	229, 176, 254
Decimal	15053054
CIE Lab	79.00, 32.83, -31.25
CIE LCh	79, 45.327, 316.410
Yxy	54.9284, 0.2968, 0.2477
Android (android.graphics.Color)	4293243134 (0xFFE5B0FE)
YUV	200.7390, 26.2577, 24.7849
Hunter-Lab	74.1137, 28.7745, -28.9114

Details

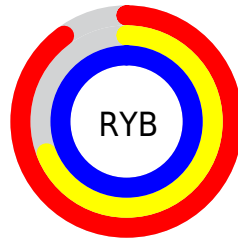
The CIELCh color $79, 45.327, 316.410$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $95, 44.199, 133.614$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 14.364, 324.919$, and $59, 45.191, 316.563$ is the 20% darker color. If you saturate the color by 10%, you get $73, 60.268, 316.838$, and if you desaturate by 10%, it is $86, 30.337, 315.964$.

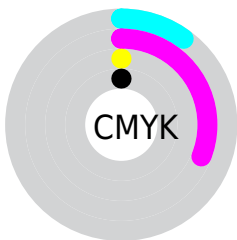
Distribution



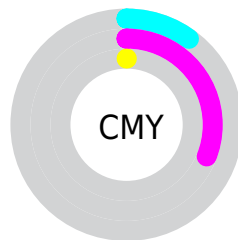
- Red (90%)
- Green (69%)
- Blue (100%)



- Red (90%)
- Yellow (69%)
- Blue (100%)



- Cyan (10%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (10%)
- Magenta (31%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 45.327, 316.410 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, 45.327, 316.410 by changing the saturation by 10% instead.


 79, 45.327,
316.410


 79, 45.327,
316.410


 100, 45.327,
316.410


 69, 45.327,
316.410


 99, 45.327,
316.410

 59, 45.327,
316.410

 49, 45.327,
316.410

 39, 45.327,
316.410

 29, 45.327,
316.410

 19, 45.327,
316.410

 9, 45.327, 316.410

■ 0, 45.327, 316.410

■ 79, 45.327,
316.410

■ 79, 45.327,
316.410

■ 73, 60.268,
316.838

■ 86, 30.337,
315.964

■ 67, 74.822,
317.218

■ 92, 15.523,
315.518

■ 61, 88.474,
317.503

■ 99, 1.009, 314.904

■ 56, 100.530,
317.636

■ 100, 0.441,
109.969

■ 52, 110.180,
317.544

■ 49, 116.711,
317.158

■ 47,120.037,
316.531

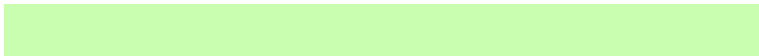
Harmonies

Complementary

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



79, 45.327, 316.410



95, 44.199, 133.614

Rectangle

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



79, 45.327, 316.410



79, 45.327, 6.410



79, 45.327, 136.410



79, 45.327, 186.410

Sweetspot

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



79, 45.325, 316.410



94, 13.074, 315.443



81, 28.509, 275.959



49, 9.099, 315.507



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, 45.325, 316.410



75, 54.924, 316.684



81, 43.619, 331.315



49, 8.264, 315.465



35, 96.837, 316.701



8, 44.232, 317.918

Inverse Universe

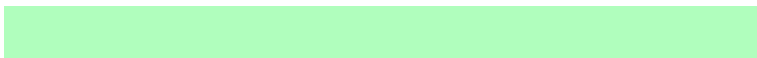
The Inverse Universe completely reimagines the original color for something new.



80, 31.918, 357.980



76, 38.820, 358.928



93, 43.497, 147.057



50, 5.725, 355.405



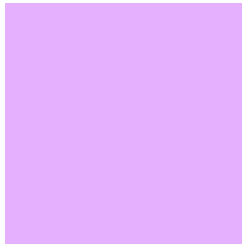
40, 70.024, 19.387



10, 31.385, 11.273

Previews

White Background



This preview shows how the CIELCh color 79, 45.327, 316.410 looks on a white background.

Color Contrast Check

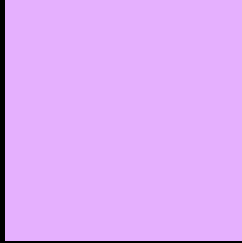
Large Text (above 18pt) WCAG AA × Fail

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, 45.327, 316.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

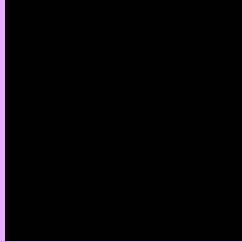
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 45.327, 316.410

Background



This preview shows how black text looks on a background with the CIELCh color 79, 45.327, 316.410.

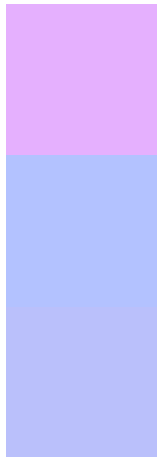


This preview shows how white text looks on a background with the CIELCh color 79, 45.327, 316.410.

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


79, 45.327, 316.410

Protanopia

79, 32.759, 284.817

Deuteranopia

79, 31.546, 289.485



Tritanopia
79, 15.246, 349.123

Trichromacy



Original Color
79, 45.327, 316.410



Protanomaly
79, 36.630, 298.376



Deuteranomaly
79, 35.835, 301.588

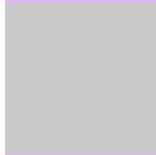


Tritanomaly
79, 25.291, 328.205

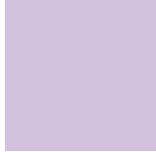
Monochromacy



Original Color
79, 45.327, 316.410



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 16.462, 315.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 45.327, 316.410 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, 176, 254)` looks like.

```
.text, #text, p{  
    color:rgb(229, 176, 254)  
}
```

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, 176, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 176, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 45.327, 316.410 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, 176, 254) }
```

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

```
.border{ border-color:rgb(229, 176, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 176, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 176, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 176, 254); box-shadow:4px 4px 4px 4px rgb(229, 176, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 45.327, 316.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 176, 254) }
```

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

```
.background{ background-color: rgb(229,  
176, 254) }
```

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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