

Converting Colors

CIELCh(79, 29.570, 326.171)

Have a look what the booklet for
CIELCh(79, 29.570, 326.171)
contains.

CIELCh(79, 29.678, 326.146)	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, 29.678, 326.146)

Conversions

Conversions Part 1

Format	Color
Hex	E4B5E3
RGB	228, 181, 227
RGB Percent	89%, 71%, 89%
CMY	0.1069, 0.2912, 0.1108
CMYK	0.00, 0.21, 0.00, 0.11
HSL	301°, 46%, 80%
HSV	301°, 21%, 89%
XYZ	62.2136, 54.9284, 79.8079
YIQ	200.2970, 13.2460, 24.2700

Conversions

Conversions Part 2

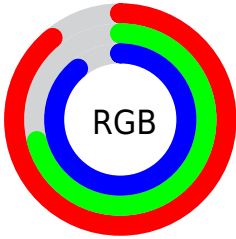
Format	Color
R _Y B	228, 181, 227
Decimal	14988771
CIE Lab	79.00, 24.65, -16.53
CIE LCh	79, 29.678, 326.146
Yxy	54.9284, 0.3159, 0.2789
Android (android.graphics.Color)	4293178851 (0xFFE4B5E3)
YUV	200.2970, 13.1646, 24.2955
Hunter-Lab	74.1137, 20.1401, -11.9657

Details

The CIELCh color $79, 29.678, 326.146$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $86, 29.653, 143.670$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 11.228, 324.804$, and $59, 29.704, 325.809$ is the 20% darker color. If you saturate the color by 10%, you get $74, 43.976, 326.695$, and if you desaturate by 10%, it is $84, 15.239, 325.581$.

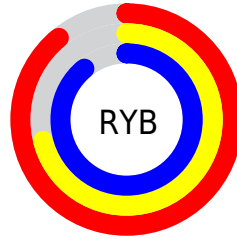
Distribution



Red (89%)

Green (71%)

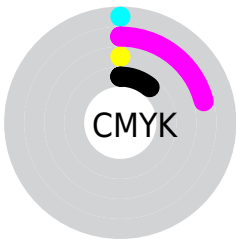
Blue (89%)



Red (89%)

Yellow (71%)

Blue (89%)

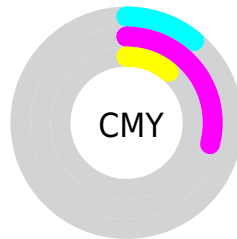


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 29.678, 326.146 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, 29.678, 326.146 by changing the saturation by 10% instead.


 79, 29.678,
326.146

 79, 29.678,
326.146

 100, 29.678,
326.146

 69, 29.678,
326.146

 99, 29.678,
326.146

 59, 29.678,
326.146

 49, 29.678,
326.146

 39, 29.678,
326.146

 29, 29.678,
326.146

 19, 29.678,
326.146

 9, 29.678, 326.146

■ 0, 29.678, 326.146

■ 79, 29.678,
326.146

■ 79, 29.678,
326.146

■ 74, 43.976,
326.695

■ 84, 15.239,
325.581

■ 69, 57.800,
327.218

■ 90, 0.906, 324.727

■ 65, 70.698,
327.702

■ 96, 13.168,
144.526

■ 61, 82.125,
328.130

■ 97, 16.624,
144.740

■ 58, 91.516,
328.489

■ 97, 16.422,
145.234

■ 56, 98.394,
328.770

■ 97, 16.221,
145.739

■ 54, 102.542,
328.973

■ 98, 16.022,
146.256

■ 54, 104.327,
329.105

■ 98, 15.823,
146.786

■ 98, 15.626,
147.329

Harmonies

Complementary

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



79, 29.678, 326.146



86, 29.653, 143.670

Rectangle

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



79, 29.678, 326.146



79, 29.678, 16.146



79, 29.678, 146.146



79, 29.678, 196.146

Sweetspot

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



79, 29.675, 326.146



96, 9.402, 325.312



75, 25.412, 293.116



51, 6.239, 325.351



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, 29.675, 326.146



85, 39.410, 326.397



78, 21.155, 346.405



45, 8.187, 325.514



42, 86.974, 329.091



8, 36.591, 328.956

Inverse Universe

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



79, 29.675, 326.146



85, 39.410, 326.397



87, 20.570, 162.724



45, 8.187, 325.514



42, 86.974, 329.091



8, 36.591, 328.956

Previews

White Background



This preview shows how the CIELCh color 79, 29.678, 326.146 looks on a white background.

Color Contrast Check

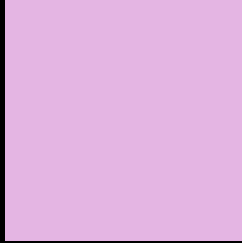
Large Text (above 18pt) WCAG AA × Fail

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, 29.678, 326.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

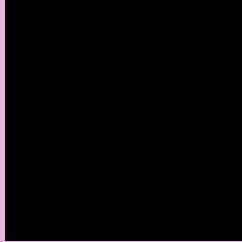
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 29.678, 326.146

Background



This preview shows how black text looks on a background with the CIELCh color 79, 29.678, 326.146.

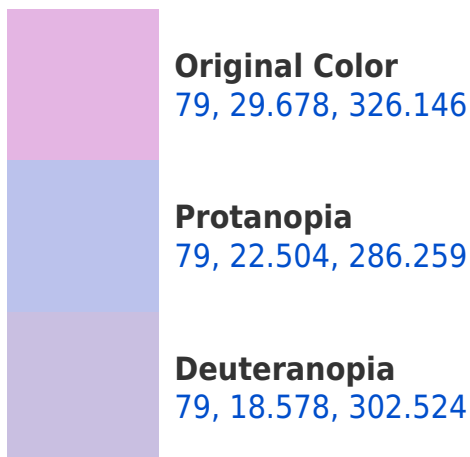


This preview shows how white text looks on a background with the CIELCh color 79, 29.678, 326.146.

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, 15.980, 353.021

Trichromacy



Original Color
79, 29.678, 326.146

Protanomaly
79, 24.050, 302.842

Deuteranomaly
79, 22.590, 313.726

Tritanomaly
79, 20.413, 338.435

Monochromacy



Original Color
79, 29.678, 326.146

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 11.006, 324.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 29.678, 326.146 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(228, 181, 227)` looks like.

```
.text, #text, p{  
    color:rgb(228, 181, 227)  
}
```

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(228, 181, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 181, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 29.678, 326.146 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(228, 181, 227) }
```

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

```
.border{ border-color:rgb(228, 181, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 181, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 181, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 181, 227);  
box-shadow:4px 4px 4px 4px rgb(228, 181,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 29.678, 326.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 181, 227) }
```

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

```
.background{ background-color: rgb(228,  
181, 227) }
```

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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