

Converting Colors

CIELCh(79, 28.222, 321.527)

Have a look what the booklet for
CIELCh(79, 28.222, 321.527)
contains.

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Color

CIELCh(79, 28.207, 321.145)

Conversions

Conversions Part 1

Format	Color
Hex	DEB7E5
RGB	222, 183, 229
RGB Percent	87%, 72%, 90%
CMY	0.1302, 0.2831, 0.1028
CMYK	0.03, 0.20, 0.00, 0.10
HSL	291°, 47%, 81%
HSV	291°, 20%, 90%
XYZ	61.0683, 54.9284, 81.3616
YIQ	199.9050, 8.4780, 22.5740

Conversions

Conversions Part 2

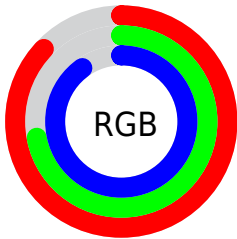
Format	Color
R _Y B	222, 183, 229
Decimal	14596069
CIE Lab	79.00, 21.97, -17.70
CIE LCh	79, 28.207, 321.145
Yxy	54.9284, 0.3094, 0.2783
Android (android.graphics.Color)	4292786149 (0xFFDEB7E5)
YUV	199.9050, 14.3438, 19.3773
Hunter-Lab	74.1137, 17.3816, -13.2087

Details

The CIELCh color **79, 28.207, 321.145** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87, 28.004, 139.169**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 9.976, 324.758**, and **59, 27.924, 321.724** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.347, 321.606**, and if you desaturate by 10%, it is **85, 14.080, 320.670**.

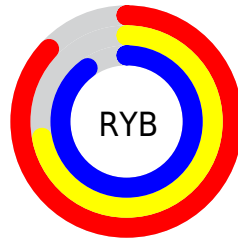
Distribution



Red (87%)

Green (72%)

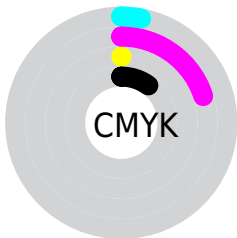
Blue (90%)



Red (87%)

Yellow (72%)

Blue (90%)

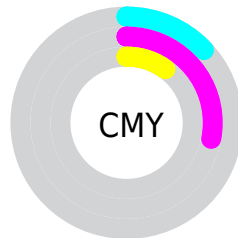


Cyan (3%)

Magenta (20%)

Yellow (0%)

Black (10%)



Cyan (13%)


Magenta (28%)

Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 28.207, 321.145 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, 28.207, 321.145 by changing the saturation by 10% instead.

 79, 28.207,
321.145

 79, 28.207,
321.145

 100, 28.207,
321.145

 69, 28.207,
321.145

 99, 28.207,
321.145

 59, 28.207,
321.145

 49, 28.207,
321.145

 39, 28.207,
321.145

 29, 28.207,
321.145

 19, 28.207,
321.145

 9, 28.207, 321.145

0, 28.207, 321.145

79, 28.207,
321.145

79, 28.207,
321.145

73, 42.347,
321.606

85, 14.080,
320.670

68, 56.242,
322.037

91, 0.148, 318.572

63, 69.503,
322.414

97, 13.487,
139.800

59, 81.621,
322.706

98, 15.052,
136.406

55, 91.986,
322.875

98, 14.505,
132.147

52, 99.986,
322.884

98, 14.044,
127.545

■ 50, 105.190,
322.700

■ 99, 13.681,
122.631

■ 48, 107.830,
322.340

■ 99, 13.425,
117.455

■ 99, 13.286,
112.093

Harmonies

Complementary

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



79, 28.207, 321.145



87, 28.004, 139.169

Rectangle

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



79, 28.207, 321.145



79, 28.207, 11.145



79, 28.207, 141.145



79, 28.207, 191.145

Sweetspot

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



79, 28.205, 321.145



96, 9.104, 320.470



78, 20.649, 284.906



51, 6.042, 320.503



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, 28.205, 321.145



85, 36.833, 321.333



79, 23.367, 337.125



45, 7.933, 320.639



38, 89.530, 322.430



7, 37.196, 323.180

Inverse Universe

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



79, 17.856, 8.934



84, 23.540, 9.439



87, 23.130, 154.113



45, 4.905, 7.750



37, 73.296, 32.670



7, 26.724, 15.428

Previews

White Background



This preview shows how the CIELCh color 79, 28.207, 321.145 looks on a white background.

Color Contrast Check

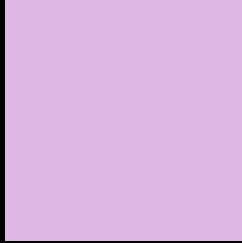
Large Text (above 18pt) WCAG AA × Fail

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, 28.207, 321.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

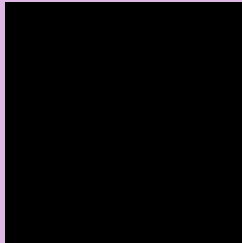
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 28.207, 321.145

Background



This preview shows how black text looks on a background with the CIELCh color 79, 28.207, 321.145.



This preview shows how white text looks on a background with the CIELCh color 79, 28.207, 321.145.

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, 28.207, 321.145

Protanopia

79, 22.504, 286.259

Deuteranopia

79, 19.567, 300.991



Tritanopia
79, 13.379, 346.668

Trichromacy



Original Color
79, 28.207, 321.145

Protanomaly
79, 23.330, 300.573

Deuteranomaly
79, 22.600, 309.881

Tritanomaly
79, 18.367, 331.895

Monochromacy



Original Color
79, 28.207, 321.145

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 9.967, 321.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 28.207, 321.145 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(222, 183, 229)` looks like.

```
.text, #text, p{  
    color:rgb(222, 183, 229)  
}
```

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(222, 183, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 183, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 28.207, 321.145 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(222, 183, 229) }
```

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

```
.border{ border-color:rgb(222, 183, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 183, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 183, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 183, 229);  
box-shadow:4px 4px 4px 4px rgb(222, 183,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 28.207, 321.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 183, 229) }
```

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

```
.background{ background-color: rgb(222,  
183, 229) }
```

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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