

Converting Colors

CIELCh(79, 27.842, 322.184)

Have a look what the booklet for
CIELCh(79, 27.842, 322.184)
contains.

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Color

CIELCh(79, 27.753, 321.688)

Conversions

Conversions Part 1

Format	Color
Hex	DEB7E4
RGB	222, 183, 228
RGB Percent	87%, 72%, 89%
CMY	0.1299, 0.2828, 0.1063
CMYK	0.03, 0.20, 0.00, 0.11
HSL	292°, 45%, 81%
HSV	292°, 20%, 89%
XYZ	60.9878, 54.9284, 80.7038
YIQ	199.7910, 8.7990, 22.2630

Conversions

Conversions Part 2

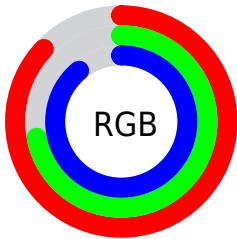
Format	Color
R _{YB}	222, 183, 228
Decimal	14596068
CIE Lab	79.00, 21.78, -17.21
CIE LCh	79, 27.753, 321.688
Yxy	54.9284, 0.3102, 0.2794
Android (android.graphics.Color)	4292786148 (0xFFDEB7E4)
YUV	199.7910, 13.9070, 19.4773
Hunter-Lab	74.1137, 17.1879, -12.6825

Details

The CIELCh color $79, 27.753, 321.688$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87, 27.580, 139.711$, 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 $73, 41.901, 322.156$, and if you desaturate by 10%, it is $85, 13.609, 321.205$.

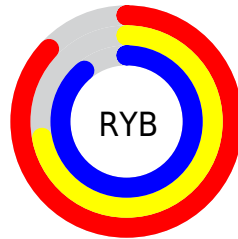
Distribution



Red (87%)

Green (72%)

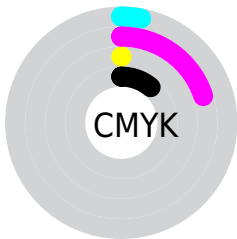
Blue (89%)



Red (87%)

Yellow (72%)

Blue (89%)

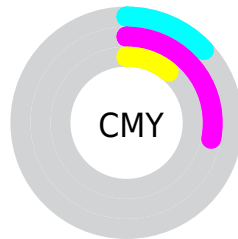


Cyan (3%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (28%)

Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 27.753, 321.688 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, 27.753, 321.688 by changing the saturation by 10% instead.

 79, 27.753,
321.688

 79, 27.753,
321.688

 100, 27.753,
321.688

 69, 27.753,
321.688

 99, 27.753,
321.688

 59, 27.753,
321.688

 49, 27.753,
321.688

 39, 27.753,
321.688

 29, 27.753,
321.688

 19, 27.753,
321.688

 9, 27.753, 321.688

0, 27.753, 321.688

79, 27.753,
321.688

79, 27.753,
321.688

73, 41.901,
322.156

85, 13.609,
321.205

68, 55.789,
322.595

91, 0.345, 141.476

63, 69.028,
322.981

97, 14.004,
140.319

59, 81.108,
323.285

98, 15.750,
137.522

55, 91.426,
323.472

98, 15.247,
134.037

52, 99.387,
323.508

98, 14.804,
130.301

■ 50, 104.575,
323.364

■ 99, 14.428,
126.328

■ 49, 107.205,
323.050

■ 99, 14.125,
122.138

■ 49, 107.262,
323.042

■ 99, 13.903,
117.764

Harmonies

Complementary

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



79, 27.753, 321.688



87, 27.580, 139.711

Rectangle

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



79, 27.753, 321.688



79, 27.753, 11.688



79, 27.753, 141.688



79, 27.753, 191.688

Sweetspot

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



79, 27.751, 321.688



96, 9.155, 321.019



77, 20.595, 285.735



51, 6.075, 321.052



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, 27.751, 321.688



85, 37.013, 321.897



79, 22.612, 337.839



45, 7.977, 321.191



38, 89.331, 323.120



7, 37.217, 323.810

Inverse Universe

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



78, 17.407, 10.348



84, 23.476, 10.890



87, 22.362, 154.841



45, 4.882, 9.225



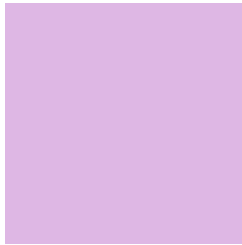
37, 74.207, 33.854



6, 26.754, 16.219

Previews

White Background



This preview shows how the CIELCh color 79, 27.753, 321.688 looks on a white background.

Color Contrast Check

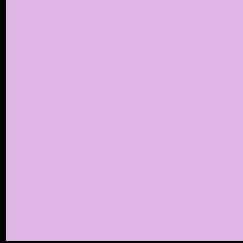
Large Text (above 18pt) WCAG AA × Fail

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, 27.753, 321.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

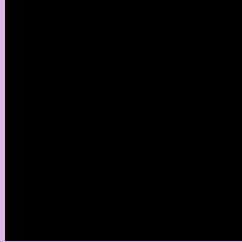
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 27.753, 321.688

Background



This preview shows how black text looks on a background with the CIELCh color 79, 27.753, 321.688.



This preview shows how white text looks on a background with the CIELCh color 79, 27.753, 321.688.

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, 27.753, 321.688

Protanopia

79, 21.975, 286.056

Deuteranopia

79, 19.041, 301.221



Tritanopia
79, 13.985, 345.736

Trichromacy



Original Color
79, 27.753, 321.688

Protanomaly
79, 22.803, 300.742

Deuteranomaly
79, 22.096, 310.298

Tritanomaly
79, 17.978, 333.024

Monochromacy



Original Color
79, 27.753, 321.688

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, 27.753, 321.688 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(222, 183, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 183, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 27.753, 321.688 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, 228) }
```

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

```
.border{ border-color:rgb(222, 183, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 183, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 183, 228);  
box-shadow:4px 4px 4px 4px rgb(222, 183,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 27.753, 321.688 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, 228) }
```

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

```
.background{ background-color: rgb(222,  
183, 228) }
```

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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