

Converting Colors

CIELCh(78, 19.691, 331.527)

Have a look what the booklet for
CIELCh(78, 19.691, 331.527)
contains.

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Color

CIELCh(78, 19.673, 331.522)

Conversions

Conversions Part 1

Format	Color
Hex	DAB7D3
RGB	218, 183, 211
RGB Percent	85%, 72%, 83%
CMY	0.1468, 0.2840, 0.1742
CMYK	0.00, 0.16, 0.03, 0.15
HSL	312°, 32%, 78%
HSV	312°, 16%, 85%
XYZ	57.3325, 53.2120, 68.5928
YIQ	196.6570, 11.8720, 16.1280

Conversions

Conversions Part 2

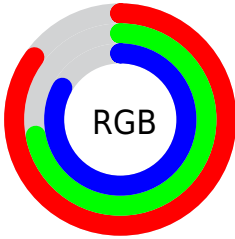
Format	Color
R _Y B	218, 183, 211
Decimal	14333907
CIE Lab	78.00, 17.29, -9.38
CIE LCh	78, 19.673, 331.522
Yxy	53.2120, 0.3200, 0.2970
Android (android.graphics.Color)	4292523987 (0xFFDAB7D3)
YUV	196.6570, 7.0711, 18.7178
Hunter-Lab	72.9466, 12.6359, -4.6887

Details

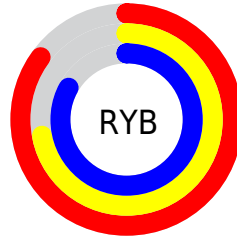
The CIELCh color $78, 19.673, 331.522$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $84, 19.599, 149.442$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 9.976, 324.758$, and $58, 19.441, 332.215$ is the 20% darker color. If you saturate the color by 10%, you get $73, 31.968, 332.189$, and if you desaturate by 10%, it is $83, 7.392, 330.859$.

Distribution



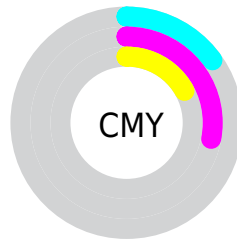
- Red (85%)
- Green (72%)
- Blue (83%)



- Red (85%)
- Yellow (72%)
- Blue (83%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (15%)





- Cyan (15%)
- Magenta (28%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 19.673, 331.522 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 78, 19.673, 331.522 by changing the saturation by 10% instead.


 78, 19.673,
331.522


 78, 19.673,
331.522


 100, 19.673,
331.522


 68, 19.673,
331.522


 98, 19.673,
331.522

 58, 19.673,
331.522

 48, 19.673,
331.522

 38, 19.673,
331.522

 28, 19.673,
331.522

 18, 19.673,
331.522

 8, 19.673, 331.522

■ 0, 19.673, 331.522

■ 78, 19.673,
331.522

■ 78, 19.673,
331.522

■ 73, 31.968,
332.189

■ 83, 7.392, 330.859

■ 89, 4.707, 150.363

■ 68, 44.038,
332.875

■ 95, 16.531,
149.730

■ 63, 55.530,
333.583

■ 97, 19.211,
152.369

■ 59, 65.982,
334.316

■ 97, 17.610,
157.218

■ 55, 74.851,
335.085

■ 97, 16.146,
162.962

■ 53, 81.593,
335.910

■ 97, 14.864,

■ 51, 85.807,
336.820

169.745

■ 50, 87.419,
337.854

■ 97, 13.812,
177.658

■ 49, 87.644,
338.286

■ 97, 13.050,
186.661

Harmonies

Complementary

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



78, 19.673, 331.522



84, 19.599, 149.442

Rectangle

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



78, 19.673, 331.522



78, 19.673, 21.522



78, 19.673, 151.522



78, 19.673, 201.522

Sweetspot

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



78, 19.671, 331.523



97, 6.912, 330.785



76, 19.055, 298.596



51, 4.718, 330.836



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 19.671, 331.523



88, 26.470, 331.727



78, 14.383, 356.377



43, 6.964, 331.086



39, 74.166, 338.098



6, 30.020, 336.050

Inverse Universe

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



78, 19.671, 331.523



88, 26.470, 331.727



84, 13.770, 173.335



43, 6.964, 331.086



39, 74.166, 338.098



6, 30.020, 336.050

Previews

White Background



This preview shows how the CIELCh color 78, 19.673, 331.522 looks on a white background.

Color Contrast Check

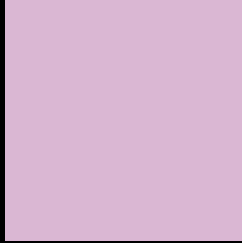
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 19.673, 331.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

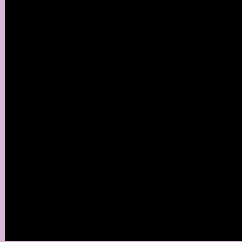
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 19.673, 331.522

Background



This preview shows how black text looks on a background with the CIELCh color 78, 19.673, 331.522.




This preview shows how white text looks on a background with the CIELCh color 78, 19.673, 331.522.

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
78, 13.728, 347.599

Trichromacy



Original Color
78, 19.673, 331.522

Protanomaly
78, 14.017, 307.504

Deuteranomaly
78, 15.369, 323.903

Tritanomaly
78, 15.856, 340.968

Monochromacy



Original Color
78, 19.673, 331.522

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 7.196, 331.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 19.673, 331.522 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(218, 183, 211)` looks like.

```
.text, #text, p{  
    color:rgb(218, 183, 211)  
}
```

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(218, 183, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 183, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 19.673, 331.522 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(218, 183, 211) }
```

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

```
.border{ border-color:rgb(218, 183, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 183, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 183, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 183, 211);  
box-shadow:4px 4px 4px 4px rgb(218, 183,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 19.673, 331.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 183, 211) }
```

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

```
.background{ background-color: rgb(218,  
183, 211) }
```

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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