

Converting Colors

CIELCh(80, 19.185, 326.412)

Have a look what the booklet for
CIELCh(80, 19.185, 326.412)
contains.

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Color

CIELCh(80, 19.100, 327.006)

Conversions

Conversions Part 1

Format	Color
Hex	DCBDDA
RGB	220, 189, 218
RGB Percent	86%, 74%, 85%
CMY	0.1372, 0.2588, 0.1450
CMYK	0.00, 0.14, 0.01, 0.14
HSL	304°, 31%, 80%
HSV	304°, 14%, 86%
XYZ	60.3763, 56.6813, 74.0973
YIQ	201.5750, 9.1670, 15.5910

Conversions

Conversions Part 2

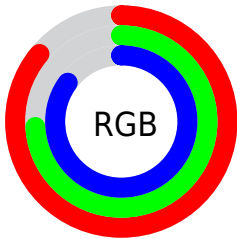
Format	Color
R _Y B	220, 189, 218
Decimal	14466522
CIE Lab	80.00, 16.02, -10.40
CIE LCh	80, 19.100, 327.006
Yxy	56.6813, 0.3159, 0.2965
Android (android.graphics.Color)	4292656602 (0xFFDCBDDA)
YUV	201.5750, 8.0975, 16.1587
Hunter-Lab	75.2870, 11.3956, -5.6522

Details

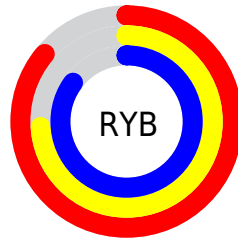
The CIELCh color **80, 19.100, 327.006** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85, 19.070, 145.355**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 6.227, 324.609**, and **60, 18.816, 327.320** is the 20% darker color. If you saturate the color by 10%, you get **75, 32.719, 327.584**, and if you desaturate by 10%, it is **85, 5.512, 326.401**.

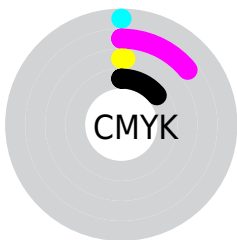
Distribution



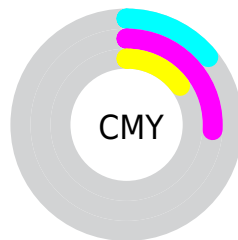
- Red (86%)
- Green (74%)
- Blue (85%)



- Red (86%)
- Yellow (74%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 19.100, 327.006 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 80, 19.100, 327.006 by changing the saturation by 10% instead.


 80, 19.100,
327.006


 80, 19.100,
327.006


 100, 19.100,
327.006


 70, 19.100,
327.006


 60, 19.100,
327.006

 50, 19.100,
327.006

 40, 19.100,
327.006

 30, 19.100,
327.006

 20, 19.100,
327.006

 10, 19.100,

327.006

0, 19.100, 327.006

80, 19.100,
327.006

80, 19.100,
327.006

75, 32.719,
327.584

85, 5.512, 326.401

70, 46.121,
328.151

91, 7.870, 145.935

65, 58.946,
328.699

97, 20.930,
145.374

61, 70.730,
329.215

97, 20.343,
146.564

58, 80.929,
329.690

97, 19.765,
147.820

97, 19.196,
149.149

■ 55, 89.001,
330.116

■ 97, 18.636,
150.556

■ 53, 94.537,
330.492

■ 97, 18.087,
152.046

■ 52, 97.420,
330.826

■ 97, 17.550,
153.625

■ 51, 98.220,
331.011

Harmonies

Complementary

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



80, 19.100, 327.006



85, 19.070, 145.355

Rectangle

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



80, 19.100, 327.006



80, 19.100, 17.006



80, 19.100, 147.006



80, 19.100, 197.006

Sweetspot

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



80, 19.098, 327.006



97, 6.078, 326.397



78, 16.660, 293.530



52, 4.321, 326.448



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 19.098, 327.006



89, 26.004, 327.183



80, 13.661, 347.669



43, 7.657, 326.733



40, 82.297, 330.964



7, 33.038, 330.395

Inverse Universe

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



80, 19.098, 327.006



89, 26.004, 327.183



85, 13.357, 165.219



43, 7.657, 326.733



40, 82.297, 330.964



7, 33.038, 330.395

Previews

White Background



This preview shows how the CIELCh color 80, 19.100, 327.006 looks on a white background.

Color Contrast Check

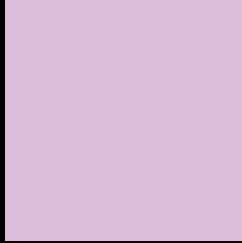
Large Text (above 18pt) WCAG AA × Fail

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 80, 19.100, 327.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

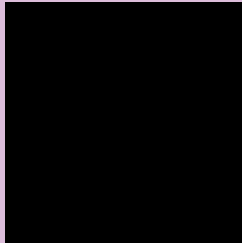
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 19.100, 327.006

Background



This preview shows how black text looks on a background with the CIELCh color 80, 19.100, 327.006.



This preview shows how white text looks on a background with the CIELCh color 80, 19.100, 327.006.

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

80, 19.100, 327.006

Protanopia

80, 13.864, 288.554

Deuteranopia

80, 14.080, 315.118



Tritanopia
80, 12.751, 341.737

Trichromacy



Original Color
80, 19.100, 327.006

Protanomaly
80, 14.886, 305.071

Deuteranomaly
80, 15.367, 320.505

Tritanomaly
80, 15.040, 335.608

Monochromacy



Original Color
80, 19.100, 327.006

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 7.335, 327.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 19.100, 327.006 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(220, 189, 218)` looks like.

```
.text, #text, p{  
    color:rgb(220, 189, 218)  
}
```

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(220, 189, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 189, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 19.100, 327.006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

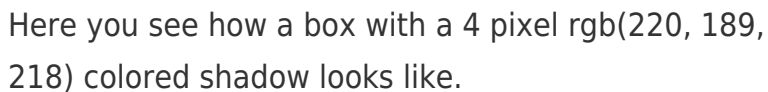
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 189, 218) }
```

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

```
.border{ border-color:rgb(220, 189, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 189, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 189, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 189, 218); box-shadow:4px 4px 4px 4px rgb(220, 189, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 19.100, 327.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 189, 218) }
```

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

```
.background{ background-color: rgb(220,  
189, 218) }
```

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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