

Converting Colors

CIELCh(80, 17.255, 317.041)

Have a look what the booklet for
CIELCh(80, 17.255, 317.041)
contains.

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Color

CIELCh(80, 17.255, 317.041)

Conversions

Conversions Part 1

Format	Color
Hex	D4BFDC
RGB	212, 191, 220
RGB Percent	83%, 75%, 86%
CMY	0.1670, 0.2494, 0.1357
CMYK	0.04, 0.13, 0.00, 0.14
HSL	283°, 30%, 81%
HSV	283°, 13%, 86%
XYZ	58.9582, 56.6813, 75.8264
YIQ	200.5850, 3.2070, 13.4710

Conversions

Conversions Part 2

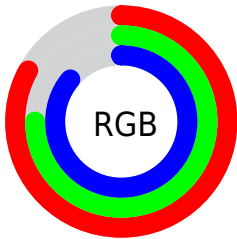
Format	Color
R_{YB}	212, 191, 220
Decimal	13942748
CIE _{Lab}	80.00, 12.63, -11.76
CIE _{LCh}	80, 17.255, 317.041
Yxy	56.6813, 0.3079, 0.2960
Android (android.graphics.Color)	4292132828 (0xFFD4BFDC)
YUV	200.5850, 9.5716, 10.0110
Hunter-Lab	75.2870, 8.0334, -7.0139

Details

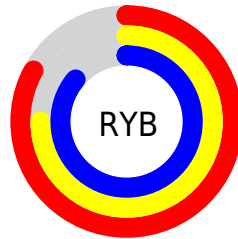
The CIELCh color `80, 17.255, 317.041` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `86, 17.090, 135.918`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 4.981, 324.553`, and `60, 16.908, 316.522` is the 20% darker color. If you saturate the color by 10%, you get `74, 30.618, 317.483`, and if you desaturate by 10%, it is `86, 4.105, 316.576`.

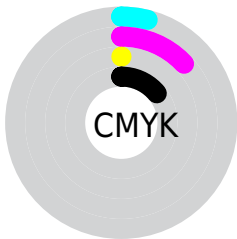
Distribution



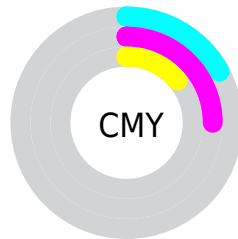
- Red (83%)
- Green (75%)
- Blue (86%)



- Red (83%)
- Yellow (75%)
- Blue (86%)



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)





- Cyan (17%)
- Magenta (25%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 17.255, 317.041 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, 17.255, 317.041 by changing the saturation by 10% instead.


 80, 17.255,
317.041


 80, 17.255,
317.041


 100, 17.255,
317.041


 70, 17.255,
317.041


 60, 17.255,
317.041

 50, 17.255,
317.041

 40, 17.255,
317.041

 30, 17.255,
317.041

 20, 17.255,
317.041

 10, 17.255,

317.041

■ 0, 17.255, 317.041

■ 80, 17.255,
317.041

■ 80, 17.255,
317.041

■ 74, 30.618,
317.483

■ 86, 4.105, 316.576

■ 68, 44.058,
317.918

■ 92, 8.742, 136.243

■ 97, 19.714,
135.267

■ 63, 57.341,
318.325

■ 98, 18.804,
129.455

■ 58, 70.112,
318.672

■ 98, 18.108,
123.040

■ 53, 81.876,
318.915

■ 99, 17.662,
116.126

■ 49, 92.001,
318.999

■ 99, 17.494,
108.895

■ 46, 99.811,
318.862

■ 99, 17.493,
108.855

■ 43, 104.799,
318.450

■ 42, 106.855,
318.035

Harmonies

Complementary

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



80, 17.255, 317.041



86, 17.090, 135.918

Rectangle

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



80, 17.255, 317.041



80, 17.255, 7.041



80, 17.255, 137.041



80, 17.255, 187.041

Sweetspot

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



80, 17.253, 317.040



97, 5.851, 316.623



80, 11.364, 276.660



51, 4.161, 316.661



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, 17.253, 317.040



89, 23.674, 317.172



81, 16.057, 331.934



43, 7.385, 316.875



33, 89.269, 318.179



5, 33.001, 318.263

Inverse Universe

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



80, 11.607, 358.903



89, 15.982, 359.239



85, 15.997, 150.246



43, 4.946, 358.495



36, 66.362, 22.967



5, 23.844, 8.172

Previews

White Background



This preview shows how the CIELCh color 80, 17.255, 317.041 looks on a white background.

Color Contrast Check

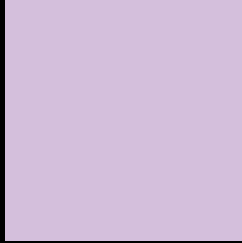
Large Text (above 18pt) WCAG AA × Fail

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 80, 17.255, 317.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

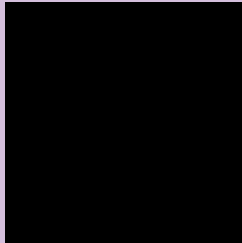
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 17.255, 317.041

Background



This preview shows how black text looks on a background with the CIELCh color 80, 17.255, 317.041.




This preview shows how white text looks on a background with the CIELCh color 80, 17.255, 317.041.

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
80, 10.791, 328.079

Trichromacy



Original Color
80, 17.255, 317.041

Protanomaly
80, 15.122, 299.437

Deuteranomaly
80, 16.320, 314.421

Tritanomaly
80, 13.375, 323.653

Monochromacy



Original Color
80, 17.255, 317.041

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 5.926, 315.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 17.255, 317.041 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(212, 191, 220)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 220)  
}
```

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(212, 191, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 17.255, 317.041 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(212, 191, 220) }
```

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

```
.border{ border-color:rgb(212, 191, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 220);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 17.255, 317.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 220) }
```

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

```
.background{ background-color: rgb(212,  
191, 220) }
```

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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