

Converting Colors

CIELCh(80, 26.611, 318.226)

Have a look what the booklet for
CIELCh(80, 26.611, 318.226)
contains.

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Color

CIELCh(80, 26.865, 318.301)

Conversions

Conversions Part 1

Format	Color
Hex	DDBBE8
RGB	221, 187, 232
RGB Percent	87%, 73%, 91%
CMY	0.1337, 0.2670, 0.0906
CMYK	0.05, 0.19, 0.00, 0.09
HSL	285°, 49%, 82%
HSV	285°, 19%, 91%
XYZ	62.0944, 56.6813, 83.9431
YIQ	202.2960, 5.8190, 21.2030

Conversions

Conversions Part 2

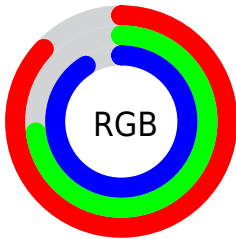
Format	Color
R _Y B	221, 187, 232
Decimal	14531560
CIE _{Lab}	80.00, 20.06, -17.87
CIE _{LCh}	80, 26.865, 318.301
Y _{xy}	56.6813, 0.3063, 0.2796
Android (android.graphics.Color)	4292721640 (0xFFDDBBE8)
YUV	202.2960, 14.6441, 16.4034
Hunter-Lab	75.2870, 15.4692, -13.4060

Details

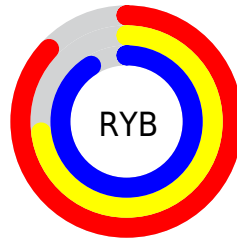
The CIELCh color $80, 26.865, 318.301$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89, 26.552, 136.548$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 7.476, 324.660$, and $60, 26.515, 318.679$ is the 20% darker color. If you saturate the color by 10%, you get $74, 40.935, 318.743$, and if you desaturate by 10%, it is $86, 12.905, 317.852$.

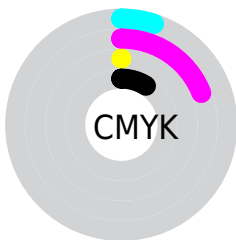
Distribution



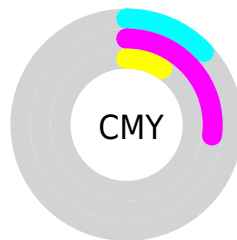
- Red (87%)
- Green (73%)
- Blue (91%)



- Red (87%)
- Yellow (73%)
- Blue (91%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)





- Cyan (13%)
- Magenta (27%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 26.865, 318.301 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, 26.865, 318.301 by changing the saturation by 10% instead.


 80, 26.865,
318.301


 80, 26.865,
318.301


 100, 26.865,
318.301


 70, 26.865,
318.301

 60, 26.865,
318.301

 50, 26.865,
318.301

 40, 26.865,
318.301

 30, 26.865,
318.301

 20, 26.865,
318.301

 10, 26.865,

318.301

0, 26.865, 318.301

80, 26.865,
318.301

80, 26.865,
318.301

74, 40.935,
318.743

86, 12.905,
317.852

68, 54.904,
319.163

92, 0.802, 137.715

63, 68.432,
319.533

98, 13.271,
136.595

58, 81.043,
319.815

99, 12.440,
128.474

54, 92.119,
319.962

99, 11.895,
119.298

99, 11.688,

■ 50, 100.972,
319.918

109.425

■ 47, 107.016,
319.630

■ 99, 11.687,
109.294

■ 46, 110.272,
319.091

■ 46, 110.437,
319.057

Harmonies

Complementary

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



80, 26.865, 318.301



89, 26.552, 136.548

Rectangle

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



80, 26.865, 318.301



80, 26.865, 8.301



80, 26.865, 138.301



80, 26.865, 188.301

Sweetspot

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



80, 26.863, 318.301



96, 8.867, 317.696



80, 18.273, 279.861



51, 5.885, 317.727



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, 26.863, 318.301



85, 34.480, 318.466



81, 24.166, 333.622



45, 7.731, 317.854



35, 90.730, 319.196



6, 36.966, 320.046

Inverse Universe

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



80, 17.849, 1.899



85, 23.032, 2.364



88, 24.028, 150.938



45, 5.064, 0.763



37, 69.070, 25.779



7, 26.642, 11.391

Previews

White Background



This preview shows how the CIELCh color 80, 26.865, 318.301 looks on a white background.

Color Contrast Check

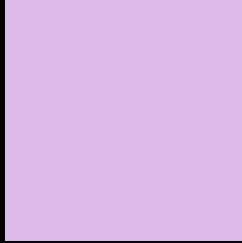
Large Text (above 18pt) WCAG AA × Fail

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, 26.865, 318.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

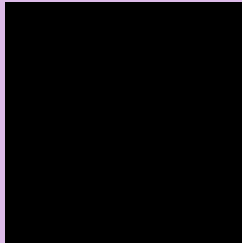
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 26.865, 318.301

Background



This preview shows how black text looks on a background with the CIELCh color 80, 26.865, 318.301.



This preview shows how white text looks on a background with the CIELCh color 80, 26.865, 318.301.

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, 12.467, 340.634

Trichromacy



Original Color
80, 26.865, 318.301

Protanomaly
80, 23.171, 298.890

Deuteranomaly
80, 22.336, 308.155

Tritanomaly
80, 16.770, 328.219

Monochromacy



Original Color
80, 26.865, 318.301

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 9.591, 317.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 26.865, 318.301 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(221, 187, 232)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 232)  
}
```

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(221, 187, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 26.865, 318.301 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(221, 187, 232) }
```

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

```
.border{ border-color:rgb(221, 187, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 187, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 187, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 187, 232);  
box-shadow:4px 4px 4px 4px rgb(221, 187,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 26.865, 318.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 232) }
```

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

```
.background{ background-color: rgb(221,  
187, 232) }
```

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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