

Converting Colors

CIELCh(80, 25.185, 317.330)

Have a look what the booklet for
CIELCh(80, 25.185, 317.330)
contains.

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Color

CIELCh(80, 24.983, 317.706)

Conversions

Conversions Part 1

Format	Color
Hex	DBBCE6
RGB	219, 188, 230
RGB Percent	86%, 74%, 90%
CMY	0.1415, 0.2631, 0.0984
CMYK	0.05, 0.18, 0.00, 0.10
HSL	284°, 46%, 82%
HSV	284°, 18%, 90%
XYZ	61.4190, 56.6813, 82.4971
YIQ	202.0570, 4.9940, 19.6340

Conversions

Conversions Part 2

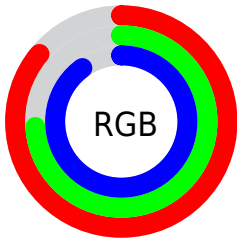
Format	Color
R _Y B	219, 188, 230
Decimal	14400742
CIE Lab	80.00, 18.48, -16.81
CIE LCh	80, 24.983, 317.706
Yxy	56.6813, 0.3062, 0.2826
Android (android.graphics.Color)	4292590822 (0xFFDDBCE6)
YUV	202.0570, 13.7759, 14.8590
Hunter-Lab	75.2870, 13.8679, -12.2672

Details

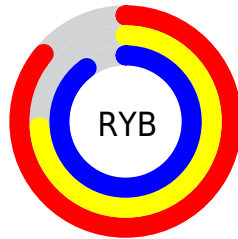
The CIELCh color `80, 24.983, 317.706` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `88, 24.685, 136.084`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 6.851, 324.635`, and `60, 24.542, 318.044` is the 20% darker color. If you saturate the color by 10%, you get `74, 38.908, 318.148`, and if you desaturate by 10%, it is `86, 11.201, 317.259`.

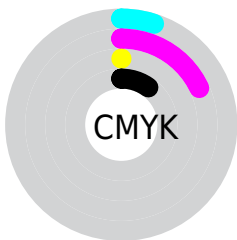
Distribution



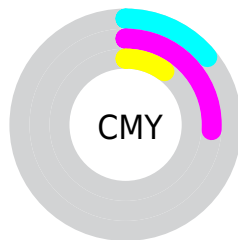
- Red (86%)
- Green (74%)
- Blue (90%)



- Red (86%)
- Yellow (74%)
- Blue (90%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (10%)





- Cyan (14%)
- Magenta (26%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 24.983, 317.706 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, 24.983, 317.706 by changing the saturation by 10% instead.


 80, 24.983,
317.706


 80, 24.983,
317.706


 100, 24.983,
317.706


 70, 24.983,
317.706

 60, 24.983,
317.706

 50, 24.983,
317.706

 40, 24.983,
317.706

 30, 24.983,
317.706

 20, 24.983,
317.706

 10, 24.983,

317.706

0, 24.983, 317.706

80, 24.983,
317.706

80, 24.983,
317.706

74, 38.908,
318.148

86, 11.201,
317.259

68, 52.785,
318.572

92, 2.311, 136.948

63, 66.300,
318.951

98, 14.338,
135.896

58, 79.006,
319.247

99, 13.473,
127.874

53, 90.305,
319.413

99, 12.909,
118.844

99, 12.699,

■ 50, 99.505, 109.218
319.389

■ 47, 105.978,
319.120

■ 45, 109.552,
318.577

■ 45, 110.045,
318.474

Harmonies

Complementary

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



80, 24.983, 317.706



88, 24.685, 136.084

Rectangle

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



80, 24.983, 317.706



80, 24.983, 7.706



80, 24.983, 137.706



80, 24.983, 187.706

Sweetspot

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



80, 24.981, 317.706



97, 7.347, 317.108



80, 16.730, 278.578



51, 5.016, 317.142



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, 24.981, 317.706



85, 32.821, 317.877



81, 22.848, 332.903



45, 7.695, 317.312



34, 90.996, 318.616



6, 36.901, 319.445

Inverse Universe

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



80, 16.754, 0.493



85, 22.122, 0.966



88, 22.736, 150.430



45, 5.103, 359.497



37, 68.377, 24.308



7, 26.640, 10.527

Previews

White Background



This preview shows how the CIELCh color 80, 24.983, 317.706 looks on a white background.

Color Contrast Check

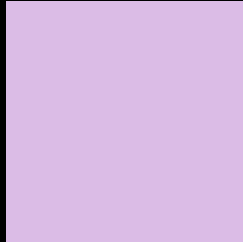
Large Text (above 18pt) WCAG AA × Fail

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, 24.983, 317.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

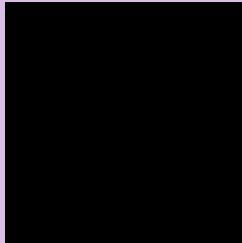
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 24.983, 317.706

Background



This preview shows how black text looks on a background with the CIELCh color 80, 24.983, 317.706.



This preview shows how white text looks on a background with the CIELCh color 80, 24.983, 317.706.

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, 24.983, 317.706

Protanopia
80, 20.831, 286.495

Deuteranopia
80, 18.987, 301.206



Tritanopia
80, 11.633, 337.024

Trichromacy



Original Color
80, 24.983, 317.706

Protanomaly
80, 21.523, 298.390

Deuteranomaly
80, 20.693, 308.419

Tritanomaly
80, 15.699, 326.155

Monochromacy



Original Color
80, 24.983, 317.706

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 8.955, 317.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 24.983, 317.706 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(219, 188, 230)` looks like.

```
.text, #text, p{  
    color:rgb(219, 188, 230)  
}
```

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(219, 188, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 188, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 24.983, 317.706 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(219, 188, 230) }
```

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

```
.border{ border-color:rgb(219, 188, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 188, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 188, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 188, 230);  
box-shadow:4px 4px 4px 4px rgb(219, 188,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 24.983, 317.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 188, 230) }
```

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

```
.background{ background-color: rgb(219,  
188, 230) }
```

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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