

Converting Colors

CIELCh(80, 27.527, 309.693)

Have a look what the booklet for
CIELCh(80, 27.527, 309.693)
contains.

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Color

CIELCh(80, 27.527, 309.693)

Conversions

Conversions Part 1

Format	Color
Hex	D5BDEE
RGB	213, 189, 238
RGB Percent	84%, 74%, 93%
CMY	0.1649, 0.2590, 0.0669
CMYK	0.11, 0.21, 0.00, 0.07
HSL	269°, 59%, 84%
HSV	269°, 21%, 93%
XYZ	61.0365, 56.6813, 88.5714
YIQ	201.7620, -1.4250, 20.3270

Conversions

Conversions Part 2

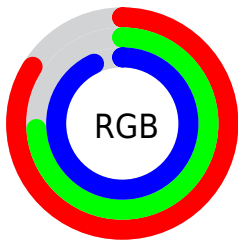
Format	Color
R _Y B	213, 189, 238
Decimal	14007790
CIE Lab	80.00, 17.58, -21.18
CIE LCh	80, 27.527, 309.693
Yxy	56.6813, 0.2959, 0.2748
Android (android.graphics.Color)	4292197870 (0xFFD5BDEE)
YUV	201.7620, 17.8653, 9.8557
Hunter-Lab	75.2870, 12.9610, -17.0509

Details

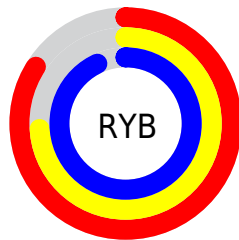
The CIELCh color $80, 27.527, 309.693$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $91, 26.739, 127.761$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 6.227, 324.609$, and $60, 27.276, 309.532$ is the 20% darker color. If you saturate the color by 10%, you get $73, 41.417, 310.233$, and if you desaturate by 10%, it is $87, 13.959, 309.185$.

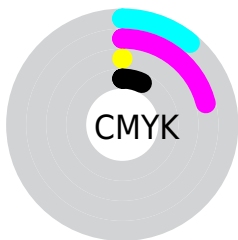
Distribution



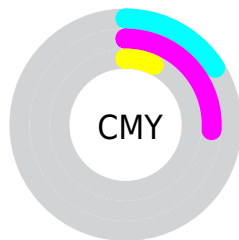
- Red (84%)
- Green (74%)
- Blue (93%)



- Red (84%)
- Yellow (74%)
- Blue (93%)



- Cyan (11%)
- Magenta (21%)
- Yellow (0%)
- Black (7%)





- Cyan (16%)
- Magenta (26%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 27.527, 309.693 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, 27.527, 309.693 by changing the saturation by 10% instead.


 80, 27.527,
309.693


 80, 27.527,
309.693


 100, 27.527,
309.693


 70, 27.527,
309.693

 60, 27.527,
309.693

 50, 27.527,
309.693

 40, 27.527,
309.693

 30, 27.527,
309.693

 20, 27.527,
309.693

 10, 27.527,

309.693

0, 27.527, 309.693

80, 27.527,
309.693

80, 27.527,
309.693

73, 41.417,
310.233

87, 13.959,
309.185

67, 55.516,
310.793

94, 0.776, 308.568

99, 8.889, 122.570

60, 69.594,
311.342

100, 8.632,
109.522

54, 83.262,
311.833

49, 95.896,
312.189

■ 44, 106.615,
312.306

■ 40, 114.425,
312.063

■ 38, 118.885,
311.486

Harmonies

Complementary

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



80, 27.527, 309.693



91, 26.739, 127.761

Rectangle

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



80, 27.527, 309.693



80, 27.527, 359.693



80, 27.527, 129.693



80, 27.527, 179.693

Sweetspot

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



80, 27.525, 309.692



96, 8.312, 308.963



85, 14.839, 256.559



51, 5.518, 308.995



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, 27.525, 309.692



82, 35.561, 309.932



82, 30.982, 325.100



46, 7.522, 309.131



28, 97.709, 311.672



5, 39.593, 311.740

Inverse Universe

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



82, 22.253, 344.900



84, 28.667, 345.357



90, 30.942, 142.697



47, 6.108, 343.849



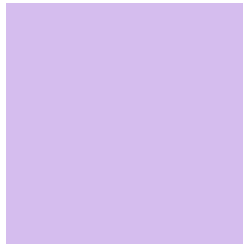
39, 66.338, 1.009



8, 29.542, 354.778

Previews

White Background



This preview shows how the CIELCh color 80, 27.527, 309.693 looks on a white background.

Color Contrast Check

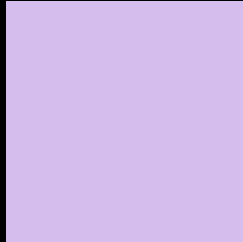
Large Text (above 18pt) WCAG AA × Fail

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, 27.527, 309.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

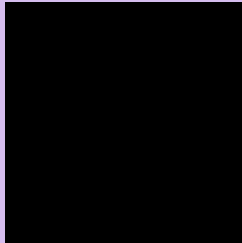
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 27.527, 309.693

Background



This preview shows how black text looks on a background with the CIELCh color 80, 27.527, 309.693.



This preview shows how white text looks on a background with the CIELCh color 80, 27.527, 309.693.

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, 9.515, 322.977

Trichromacy



Original Color
80, 27.527, 309.693

Protanomaly
80, 25.123, 294.654

Deuteranomaly
80, 24.445, 301.831

Tritanomaly
80, 16.320, 314.421

Monochromacy



Original Color
80, 27.527, 309.693

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 10.152, 309.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 27.527, 309.693 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(213, 189, 238)` looks like.

```
.text, #text, p{  
    color:rgb(213, 189, 238)  
}
```

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(213, 189, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 189, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 27.527, 309.693 is called "border". The border property can be set on classes, ids or directly on the HTML element.

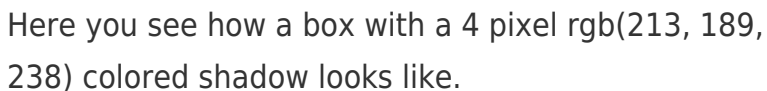
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 189, 238) }
```

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

```
.border{ border-color:rgb(213, 189, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 189, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 189, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 189, 238); box-shadow:4px 4px 4px 4px rgb(213, 189, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 27.527, 309.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 189, 238) }
```

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

```
.background{ background-color: rgb(213,  
189, 238) }
```

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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