

Converting Colors

CIELCh(80, 29.262, 310.096)

Have a look what the booklet for
CIELCh(80, 29.262, 310.096)
contains.

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Color

CIELCh(80, 29.262, 310.096)

Conversions

Conversions Part 1

Format	Color
Hex	D6BCF0
RGB	214, 188, 240
RGB Percent	84%, 74%, 94%
CMY	0.1600, 0.2620, 0.0580
CMYK	0.11, 0.22, 0.00, 0.06
HSL	270°, 64%, 84%
HSV	270°, 22%, 94%
XYZ	61.5755, 56.6813, 90.2947
YIQ	201.7020, -1.1960, 21.6840

Conversions

Conversions Part 2

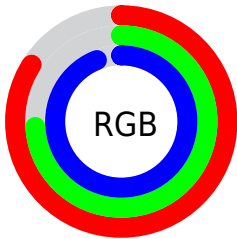
Format	Color
R _Y B	214, 188, 240
Decimal	14073072
CIE Lab	80.00, 18.85, -22.38
CIE LCh	80, 29.262, 310.096
Yxy	56.6813, 0.2953, 0.2718
Android (android.graphics.Color)	4292263152 (0xFFD6BCF0)
YUV	201.7020, 18.8809, 10.7853
Hunter-Lab	75.2870, 14.2389, -18.4080

Details

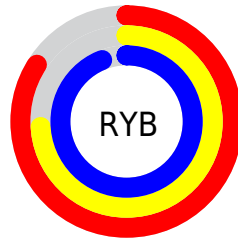
The CIELCh color `80, 29.262, 310.096` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `92, 28.399, 128.074`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 6.851, 324.635`, and `60, 29.102, 309.993` is the 20% darker color. If you saturate the color by 10%, you get `73, 43.302, 310.630`, and if you desaturate by 10%, it is `87, 15.529, 309.591`.

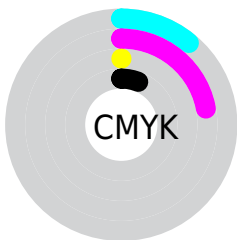
Distribution



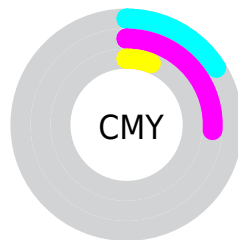
- Red (84%)
- Green (74%)
- Blue (94%)



- Red (84%)
- Yellow (74%)
- Blue (94%)



- Cyan (11%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)





- Cyan (16%)
- Magenta (26%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 29.262, 310.096 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, 29.262, 310.096 by changing the saturation by 10% instead.


 80, 29.262,
310.096


 80, 29.262,
310.096


 100, 29.262,
310.096


 70, 29.262,
310.096

 60, 29.262,
310.096

 50, 29.262,
310.096

 40, 29.262,
310.096

 30, 29.262,
310.096

 20, 29.262,
310.096

 10, 29.262,

310.096

0, 29.262, 310.096

80, 29.262,
310.096

80, 29.262,
310.096

73, 43.302,
310.630

87, 15.529,
309.591

67, 57.520,
311.179

94, 2.176, 309.079

99, 7.699, 122.318

60, 71.667,
311.712

100, 7.487,
109.607

54, 85.322,
312.175

49, 97.824,
312.491

■ 44, 108.270,
312.556

■ 41, 115.684,
312.250

■ 38, 119.477,
311.711

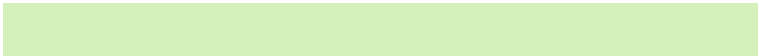
Harmonies

Complementary

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



80, 29.262, 310.096



92, 28.399, 128.074

Rectangle

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



80, 29.262, 310.096



80, 29.262, 0.096



80, 29.262, 130.096



80, 29.262, 180.096

Sweetspot

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



80, 29.260, 310.095



96, 8.330, 309.319



85, 15.945, 258.608



51, 5.530, 309.350



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, 29.260, 310.095



81, 37.093, 310.329



82, 32.989, 325.625



46, 7.538, 309.485



29, 97.494, 311.903



5, 39.632, 312.067

Inverse Universe

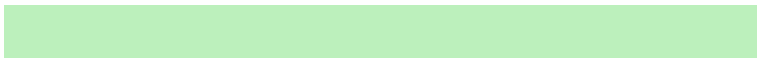
The Inverse Universe completely reimagines the original color for something new.



82, 23.446, 345.576



83, 29.642, 346.038



90, 32.970, 143.024



47, 6.066, 344.404



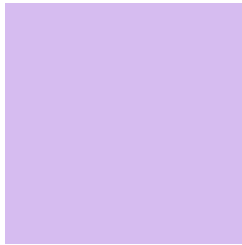
39, 66.219, 1.980



8, 29.444, 355.563

Previews

White Background



This preview shows how the CIELCh color 80, 29.262, 310.096 looks on a white background.

Color Contrast Check

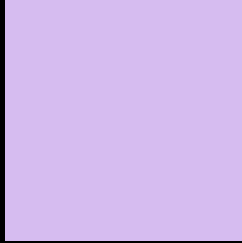
Large Text (above 18pt) WCAG AA × Fail

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, 29.262, 310.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

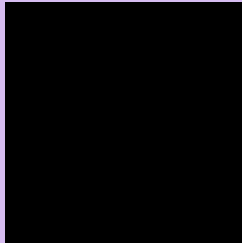
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 29.262, 310.096

Background



This preview shows how black text looks on a background with the CIELCh color 80, 29.262, 310.096.

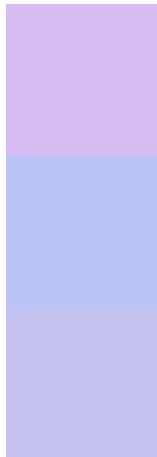


This preview shows how white text looks on a background with the CIELCh color 80, 29.262, 310.096.

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, 29.262, 310.096

Protanopia
80, 26.737, 286.260

Deuteranopia
80, 24.080, 295.470



Tritanopia
80, 9.715, 324.807

Trichromacy



Original Color
80, 29.262, 310.096

Protanomaly
80, 27.290, 295.336

Deuteranomaly
80, 25.493, 301.482

Tritanomaly
80, 16.462, 315.574

Monochromacy



Original Color
80, 29.262, 310.096

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 10.656, 308.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 29.262, 310.096 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(214, 188, 240)` looks like.

```
.text, #text, p{  
    color:rgb(214, 188, 240)  
}
```

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(214, 188, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 188, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 29.262, 310.096 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(214, 188, 240) }
```

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

```
.border{ border-color:rgb(214, 188, 240) }
```

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

Here you see how a box with a 4 pixel rgb(214, 188, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 188, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 188, 240);  
box-shadow:4px 4px 4px 4px rgb(214, 188,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 29.262, 310.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 188, 240) }
```

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

```
.background{ background-color: rgb(214,  
188, 240) }
```

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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