

Converting Colors

CIELCh(80, 26.976, 305.478)

Have a look what the booklet for
CIELCh(80, 26.976, 305.478)
contains.

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Color

CIELCh(80, 26.976, 305.478)

Conversions

Conversions Part 1

Format	Color
Hex	D0BEEF
RGB	208, 190, 239
RGB Percent	82%, 75%, 94%
CMY	0.1830, 0.2536, 0.0614
CMYK	0.13, 0.20, 0.00, 0.06
HSL	262°, 61%, 84%
HSV	262°, 20%, 94%
XYZ	60.2234, 56.6813, 89.6951
YIQ	200.9680, -5.0010, 19.0550

Conversions

Conversions Part 2

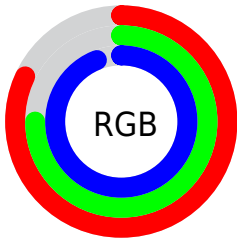
Format	Color
R _Y B	208, 190, 239
Decimal	13680367
CIE _{Lab}	80.00, 15.66, -21.97
CIE _{LCh}	80, 26.976, 305.478
Y _{xy}	56.6813, 0.2915, 0.2744
Android (android.graphics.Color)	4291870447 (0xFFD0BEEF)
YUV	200.9680, 18.7498, 6.1671
Hunter-Lab	75.2870, 11.0332, -17.9358

Details

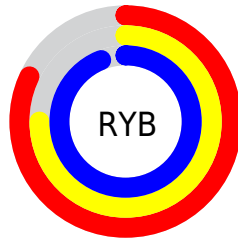
The CIELCh color `80, 26.976, 305.478` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `92, 26.013, 123.232`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 5.604, 324.582`, and `60, 26.740, 305.086` is the 20% darker color. If you saturate the color by 10%, you get `73, 40.789, 306.153`, and if you desaturate by 10%, it is `87, 13.576, 304.866`.

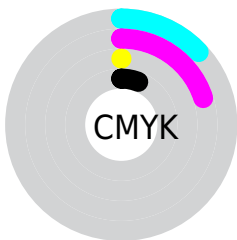
Distribution



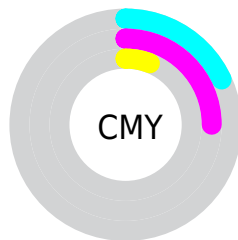
- Red (82%)
- Green (75%)
- Blue (94%)



- Red (82%)
- Yellow (75%)
- Blue (94%)



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (6%)





- Cyan (18%)
- Magenta (25%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 26.976, 305.478 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, 26.976, 305.478 by changing the saturation by 10% instead.


 80, 26.976,
305.478

 80, 26.976,
305.478


 100, 26.976,
305.478


 70, 26.976,
305.478

 60, 26.976,
305.478

 50, 26.976,
305.478

 40, 26.976,
305.478

 30, 26.976,
305.478

 20, 26.976,
305.478

 10, 26.976,

305.478

0, 26.976, 305.478

80, 26.976,
305.478

80, 26.976,
305.478

73, 40.789,
306.153

87, 13.576,
304.866

66, 54.947,
306.886

94, 0.618, 304.197

59, 69.281,
307.651

100, 7.942,
112.758

53, 83.459,
308.399

100, 7.924,
109.575

47, 96.881,
309.049

■ 41, 108.595,
309.472

■ 37, 117.375,
309.509

■ 35, 122.503,
309.145

Harmonies

Complementary

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



80, 26.976, 305.478



92, 26.013, 123.232

Rectangle

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



80, 26.976, 305.478



80, 26.976, 355.478



80, 26.976, 125.478



80, 26.976, 175.478

Sweetspot

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



80, 26.974, 305.477



96, 8.127, 304.612



87, 13.778, 242.212



50, 5.396, 304.649



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, 26.974, 305.477



81, 34.927, 305.781



82, 29.962, 321.726



46, 7.359, 304.808



26, 100.213, 309.315



4, 39.073, 307.946

Inverse Universe

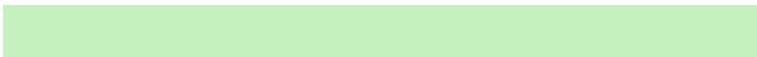
The Inverse Universe completely reimagines the original color for something new.



82, 24.124, 338.698



84, 31.055, 339.091



91, 29.773, 139.662



47, 6.650, 337.804



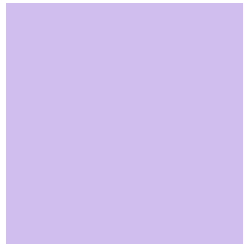
40, 69.367, 350.132



9, 31.169, 346.097

Previews

White Background



This preview shows how the CIELCh color 80, 26.976, 305.478 looks on a white background.

Color Contrast Check

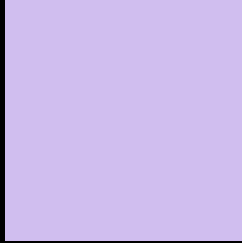
Large Text (above 18pt) WCAG AA × Fail

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, 26.976, 305.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

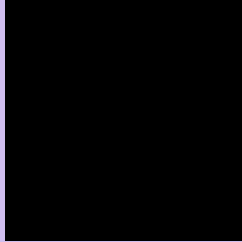
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 26.976, 305.478

Background



This preview shows how black text looks on a background with the CIELCh color 80, 26.976, 305.478.



This preview shows how white text looks on a background with the CIELCh color 80, 26.976, 305.478.

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, 26.976, 305.478

Protanopia
80, 25.656, 286.595

Deuteranopia
80, 24.080, 295.470



Tritanopia
80, 9.168, 311.526

Trichromacy



Original Color
80, 26.976, 305.478

Protanomaly
80, 25.628, 293.170

Deuteranomaly
80, 24.797, 299.326

Tritanomaly
80, 15.697, 308.404

Monochromacy



Original Color
80, 26.976, 305.478

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 9.944, 305.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 26.976, 305.478 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(208, 190, 239)` looks like.

```
.text, #text, p{  
    color:rgb(208, 190, 239)  
}
```

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(208, 190, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 190, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 26.976, 305.478 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(208, 190, 239) }
```

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

```
.border{ border-color:rgb(208, 190, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 190, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 190, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 190, 239); box-shadow:4px 4px 4px 4px rgb(208, 190, 239) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 26.976, 305.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 190, 239) }
```

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

```
.background{ background-color: rgb(208,  
190, 239) }
```

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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