

Converting Colors

CIELCh(80, 25.633, 305.546)

Have a look what the booklet for
CIELCh(80, 25.633, 305.546)
contains.

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Color

CIELCh(80, 25.327, 305.485)

Conversions

Conversions Part 1

Format	Color
Hex	D0BFED
RGB	208, 191, 237
RGB Percent	82%, 75%, 93%
CMY	0.1850, 0.2516, 0.0712
CMYK	0.12, 0.19, 0.00, 0.07
HSL	262°, 56%, 84%
HSV	262°, 19%, 93%
XYZ	59.8227, 56.6813, 87.7790
YIQ	201.3270, -4.6340, 17.9100

Conversions

Conversions Part 2

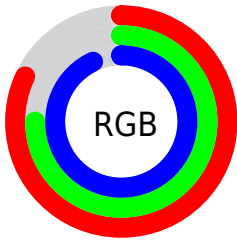
Format	Color
R _Y B	208, 191, 237
Decimal	13680621
CIE Lab	80.00, 14.70, -20.62
CIE LCh	80, 25.327, 305.485
Yxy	56.6813, 0.2928, 0.2775
Android (android.graphics.Color)	4291870701 (0xFFD0BFED)
YUV	201.3270, 17.5868, 5.8522
Hunter-Lab	75.2870, 10.0832, -16.4268

Details

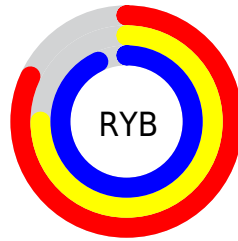
The CIELCh color `80, 25.327, 305.485` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `91, 24.474, 123.372`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 4.981, 324.553`, and `60, 24.994, 305.025` is the 20% darker color. If you saturate the color by 10%, you get `73, 38.983, 306.150`, and if you desaturate by 10%, it is `87, 12.083, 304.882`.

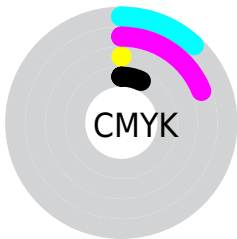
Distribution



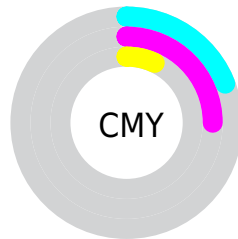
- Red (82%)
- Green (75%)
- Blue (93%)



- Red (82%)
- Yellow (75%)
- Blue (93%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)





- Cyan (19%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 25.327, 305.485 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, 25.327, 305.485 by changing the saturation by 10% instead.


 80, 25.327,
305.485


 80, 25.327,
305.485


 100, 25.327,
305.485


 70, 25.327,
305.485

 60, 25.327,
305.485

 50, 25.327,
305.485

 40, 25.327,
305.485

 30, 25.327,
305.485

 20, 25.327,
305.485

 10, 25.327,

305.485

0, 25.327, 305.485

80, 25.327,
305.485

80, 25.327,
305.485

73, 38.983,
306.150

87, 12.083,
304.882

66, 52.990,
306.874

94, 0.721, 124.474

99, 9.246, 114.743

59, 67.192,
307.632

100, 9.197,
109.480

53, 81.281,
308.380

47, 94.699,
309.039

■ 41, 106.542,
309.488

■ 37, 115.614,
309.569

■ 34, 121.185,
309.206

■ 34, 121.470,
309.185

Harmonies

Complementary

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



80, 25.327, 305.485



91, 24.474, 123.372

Rectangle

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



80, 25.327, 305.485



80, 25.327, 355.485



80, 25.327, 125.485



80, 25.327, 175.485

Sweetspot

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



80, 25.325, 305.484



96, 8.129, 304.690



86, 12.981, 242.065



50, 5.398, 304.727



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, 25.325, 305.484



83, 32.038, 305.721



82, 28.157, 321.675



45, 7.233, 304.884



25, 99.124, 309.360



4, 36.999, 307.320

Inverse Universe

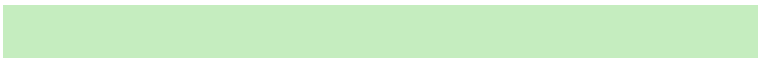
The Inverse Universe completely reimagines the original color for something new.



82, 22.636, 338.708



85, 28.513, 339.019



90, 27.987, 139.729



46, 6.523, 337.900



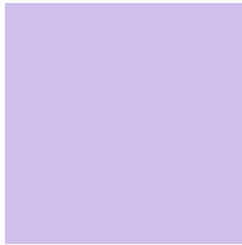
40, 68.587, 350.280



8, 30.280, 346.010

Previews

White Background



This preview shows how the CIELCh color 80, 25.327, 305.485 looks on a white background.

Color Contrast Check

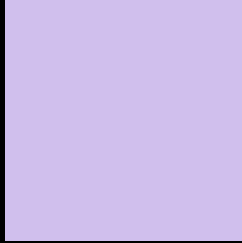
Large Text (above 18pt) WCAG AA × Fail

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, 25.327, 305.485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

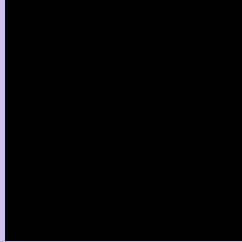
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 25.327, 305.485

Background



This preview shows how black text looks on a background with the CIELCh color 80, 25.327, 305.485.



This preview shows how white text looks on a background with the CIELCh color 80, 25.327, 305.485.

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, 25.327, 305.485

Protanopia

80, 23.524, 285.817

Deuteranopia

80, 22.513, 296.442



Tritanopia
80, 9.168, 311.526

Trichromacy



Original Color
80, 25.327, 305.485

Protanomaly
80, 23.478, 293.055

Deuteranomaly
80, 23.215, 299.723

Tritanomaly
80, 15.086, 307.692

Monochromacy



Original Color
80, 25.327, 305.485

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 9.339, 304.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 25.327, 305.485 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, 191, 237)` looks like.

```
.text, #text, p{  
    color:rgb(208, 191, 237)  
}
```

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, 191, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 191, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 25.327, 305.485 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, 191, 237) }
```

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

```
.border{ border-color:rgb(208, 191, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 191, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 191, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 191, 237);  
box-shadow:4px 4px 4px 4px rgb(208, 191,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 25.327, 305.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 191, 237) }
```

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

```
.background{ background-color: rgb(208,  
191, 237) }
```

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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