

Converting Colors

CIELCh(80, 15.739, 324.012)

Have a look what the booklet for
CIELCh(80, 15.739, 324.012)
contains.

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Color

CIELCh(80, 15.935, 323.958)

Conversions

Conversions Part 1

Format	Color
Hex	D7BFD8
RGB	215, 191, 216
RGB Percent	84%, 75%, 85%
CMY	0.1568, 0.2509, 0.1528
CMYK	0.00, 0.12, 0.00, 0.15
HSL	298°, 24%, 80%
HSV	298°, 12%, 85%
XYZ	59.0648, 56.6813, 72.8094
YIQ	201.0260, 6.2790, 12.8630

Conversions

Conversions Part 2

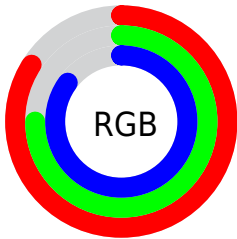
Format	Color
R _Y B	215, 191, 216
Decimal	14139352
CIE Lab	80.00, 12.88, -9.38
CIE LCh	80, 15.935, 323.958
Yxy	56.6813, 0.3132, 0.3006
Android (android.graphics.Color)	4292329432 (0xFFD7BFD8)
YUV	201.0260, 7.3822, 12.2552
Hunter-Lab	75.2870, 8.2862, -4.6380

Details

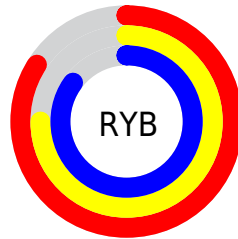
The CIELCh color $80, 15.935, 323.958$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 15.899, 142.731$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 4.981, 324.553$, and $60, 15.487, 323.990$ is the 20% darker color. If you saturate the color by 10%, you get $75, 29.813, 324.486$, and if you desaturate by 10%, it is $85, 2.155, 323.331$.

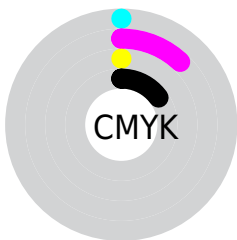
Distribution



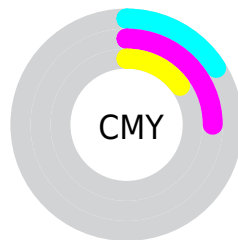
- Red (84%)
- Green (75%)
- Blue (85%)



- Red (84%)
- Yellow (75%)
- Blue (85%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)





- Cyan (16%)
- Magenta (25%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 15.935, 323.958 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, 15.935, 323.958 by changing the saturation by 10% instead.


 80, 15.935,
323.958


 80, 15.935,
323.958


 100, 15.935,
323.958


 70, 15.935,
323.958


 60, 15.935,
323.958

 50, 15.935,
323.958

 40, 15.935,
323.958

 30, 15.935,
323.958

 20, 15.935,
323.958

 10, 15.935,

323.958

■ 0, 15.935, 323.958

■ 80, 15.935,
323.958

■ 80, 15.935,
323.958

■ 75, 29.813,
324.486

■ 85, 2.155, 323.331

■ 70, 43.573,
324.995

■ 91, 11.377,
142.966

■ 65, 56.895,
325.472

■ 97, 24.065,
142.457

■ 61, 69.352,
325.898

■ 97, 23.892,
141.878

■ 57, 80.427,
326.252

■ 97, 23.721,
141.289

■ 97, 23.552,

■ 54, 89.565,
326.512

140.690

■ 52, 96.299,
326.662

■ 97, 23.386,
140.081

■ 50, 100.401,
326.694

■ 97, 23.223,
139.462

■ 50, 102.172,
326.644

■ 97, 23.062,
138.833

Harmonies

Complementary

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



80, 15.935, 323.958



84, 15.899, 142.731

Rectangle

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



80, 15.935, 323.958



80, 15.935, 13.958



80, 15.935, 143.958



80, 15.935, 193.958

Sweetspot

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



80, 15.933, 323.958



98, 4.703, 323.466



78, 12.717, 289.368



52, 3.566, 323.521



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, 15.933, 323.958



91, 22.082, 324.095



80, 11.771, 341.948



42, 7.751, 323.842



39, 85.774, 326.669



6, 32.712, 326.635

Inverse Universe

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



79, 9.418, 16.883



90, 13.159, 17.116



84, 11.631, 160.148



42, 4.551, 16.691



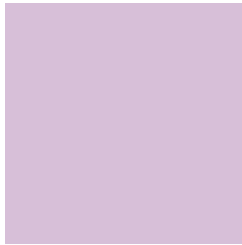
35, 75.667, 38.251



5, 21.972, 17.984

Previews

White Background



This preview shows how the CIELCh color 80, 15.935, 323.958 looks on a white background.

Color Contrast Check

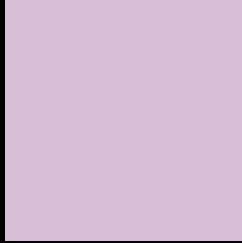
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 15.935, 323.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

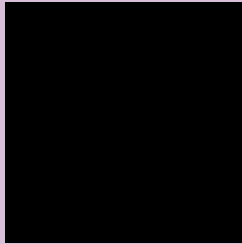
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 15.935, 323.958

Background



This preview shows how black text looks on a background with the CIELCh color 80, 15.935, 323.958.



This preview shows how white text looks on a background with the CIELCh color 80, 15.935, 323.958.

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, 15.935, 323.958

Protanopia

80, 12.261, 289.644

Deuteranopia

80, 13.752, 317.397



Tritanopia
80, 11.745, 333.862

Trichromacy



Original Color
80, 15.935, 323.958

Protanomaly
80, 13.154, 303.666

Deuteranomaly
80, 14.733, 320.288

Tritanomaly
80, 12.937, 328.988

Monochromacy



Original Color
80, 15.935, 323.958

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 5.836, 324.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 15.935, 323.958 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(215, 191, 216)` looks like.

```
.text, #text, p{  
    color:rgb(215, 191, 216)  
}
```

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(215, 191, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 191, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 15.935, 323.958 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(215, 191, 216) }
```

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

```
.border{ border-color:rgb(215, 191, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 191, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 191, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 191, 216);  
box-shadow:4px 4px 4px 4px rgb(215, 191,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 15.935, 323.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 191, 216) }
```

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

```
.background{ background-color: rgb(215,  
191, 216) }
```

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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