

Converting Colors

CIELCh(79, 15.849, 309.645)

Have a look what the booklet for
CIELCh(79, 15.849, 309.645)
contains.

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Color

CIELCh(79, 15.849, 309.645)

Conversions

Conversions Part 1

Format	Color
Hex	CCBEDA
RGB	204, 190, 218
RGB Percent	80%, 75%, 85%
CMY	0.1987, 0.2536, 0.1438
CMYK	0.06, 0.13, 0.00, 0.14
HSL	270°, 28%, 80%
HSV	270°, 13%, 86%
XYZ	56.1719, 54.9284, 74.1970
YIQ	197.3780, -0.6440, 11.6760

Conversions

Conversions Part 2

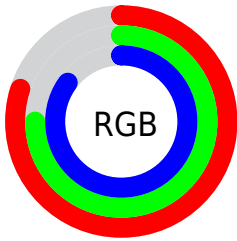
Format	Color
R_{YB}	204, 190, 218
Decimal	13418202
CIE _{Lab}	79.00, 10.11, -12.20
CIE _{LCh}	79, 15.849, 309.645
Yxy	54.9284, 0.3031, 0.2964
Android (android.graphics.Color)	4291608282 (0xFFCCBEDA)
YUV	197.3780, 10.1666, 5.8075
Hunter-Lab	74.1137, 5.5889, -7.4770

Details

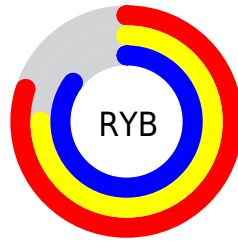
The CIELCh color `79, 15.849, 309.645` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `85, 15.568, 128.502`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 5.604, 324.582`, and `59, 15.596, 309.783` is the 20% darker color. If you saturate the color by 10%, you get `73, 28.588, 310.149`, and if you desaturate by 10%, it is `85, 3.448, 309.154`.

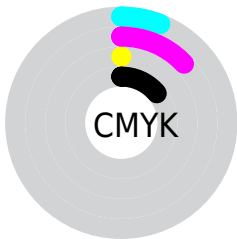
Distribution



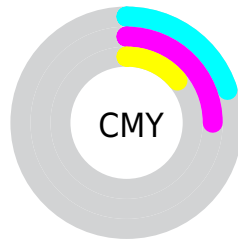
- Red (80%)
- Green (75%)
- Blue (85%)



- Red (80%)
- Yellow (75%)
- Blue (85%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)





- Cyan (20%)
- Magenta (25%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 15.849, 309.645 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 79, 15.849, 309.645 by changing the saturation by 10% instead.


 79, 15.849,
309.645


 79, 15.849,
309.645


 100, 15.849,
309.645


 69, 15.849,
309.645


 99, 15.849,
309.645

 59, 15.849,
309.645

 49, 15.849,
309.645

 39, 15.849,
309.645

 29, 15.849,
309.645

 19, 15.849,
309.645

 9, 15.849, 309.645

0, 15.849, 309.645

79, 15.849,
309.645

79, 15.849,
309.645

73, 28.588,
310.149

85, 3.448, 309.154

92, 8.580, 128.789

66, 41.607,
310.683

98, 19.748,
128.023

60, 54.770,
311.229

99, 18.747,
116.645

54, 67.840,
311.755

99, 18.541,
108.775

49, 80.413,
312.207

44, 91.864,
312.506

■ 40,101.351,
312.546

■ 36,107.992,
312.213

■ 35,111.112,
311.773

Harmonies

Complementary

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



79, 15.849, 309.645



85, 15.568, 128.502

Rectangle

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



79, 15.849, 309.645



79, 15.849, 359.645



79, 15.849, 129.645



79, 15.849, 179.645

Sweetspot

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



79, 15.847, 309.643



97, 5.540, 309.218



82, 8.669, 255.334



51, 3.940, 309.256



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 15.847, 309.643



89, 21.087, 309.757



80, 17.953, 324.673



43, 7.005, 309.479



27, 93.406, 311.949



3, 31.240, 309.399

Inverse Universe

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



80, 12.744, 344.707



90, 16.946, 344.924



85, 17.925, 143.254



43, 5.638, 344.393



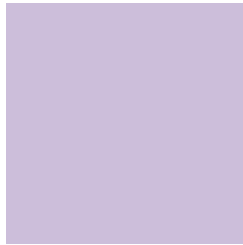
37, 63.492, 1.778



6, 25.069, 354.523

Previews

White Background



This preview shows how the CIELCh color 79, 15.849, 309.645 looks on a white background.

Color Contrast Check

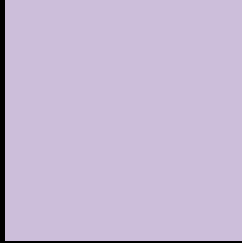
Large Text (above 18pt) WCAG AA × Fail

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 79, 15.849, 309.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

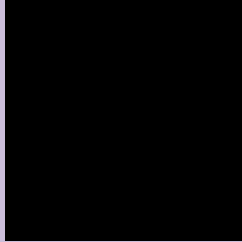
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 15.849, 309.645

Background



This preview shows how black text looks on a background with the CIELCh color 79, 15.849, 309.645.



This preview shows how white text looks on a background with the CIELCh color 79, 15.849, 309.645.

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

79, 15.849, 309.645

Protanopia

79, 14.437, 288.733

Deuteranopia

79, 15.849, 309.645



Tritanopia
79, 8.997, 317.062

Trichromacy



Original Color
79, 15.849, 309.645

Protanomaly
79, 14.498, 295.603

Deuteranomaly
79, 15.849, 309.645

Tritanomaly
79, 11.586, 312.867

Monochromacy



Original Color
79, 15.849, 309.645

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 5.664, 309.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 15.849, 309.645 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(204, 190, 218)` looks like.

```
.text, #text, p{  
    color:rgb(204, 190, 218)  
}
```

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(204, 190, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 190, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 15.849, 309.645 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(204, 190, 218) }
```

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

```
.border{ border-color:rgb(204, 190, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 190, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 190, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 190, 218);  
box-shadow:4px 4px 4px 4px rgb(204, 190,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 15.849, 309.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 190, 218) }
```

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

```
.background{ background-color: rgb(204,  
190, 218) }
```

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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