

Converting Colors

CIELCh(79, 15.559, 313.539)

Have a look what the booklet for
CIELCh(79, 15.559, 313.539)
contains.

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Color

CIELCh(79, 15.590, 312.754)

Conversions

Conversions Part 1

Format	Color
Hex	CEBED9
RGB	206, 190, 217
RGB Percent	81%, 75%, 85%
CMY	0.1923, 0.2551, 0.1492
CMYK	0.05, 0.12, 0.00, 0.15
HSL	276°, 26%, 80%
HSV	276°, 12%, 85%
XYZ	56.3613, 54.9284, 73.2442
YIQ	197.8620, 0.8690, 11.7890

Conversions

Conversions Part 2

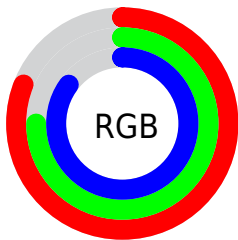
Format	Color
R _Y B	206, 190, 217
Decimal	13549273
CIE Lab	79.00, 10.58, -11.45
CIE LCh	79, 15.590, 312.754
Yxy	54.9284, 0.3054, 0.2977
Android (android.graphics.Color)	4291739353 (0xFFCEBED9)
YUV	197.8620, 9.4350, 7.1370
Hunter-Lab	74.1137, 6.0452, -6.7148

Details

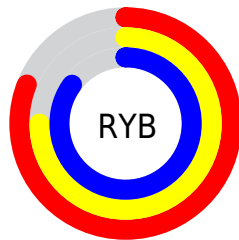
The CIELCh color `79, 15.590, 312.754` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `85, 15.374, 131.711`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 5.604, 324.582`, and `59, 15.316, 313.121` is the 20% darker color. If you saturate the color by 10%, you get `73, 28.443, 313.212`, and if you desaturate by 10%, it is `85, 3.028, 312.283`.

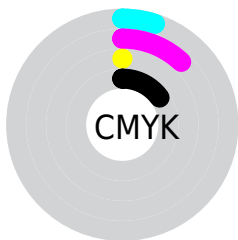
Distribution



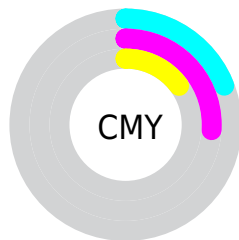
- Red (81%)
- Green (75%)
- Blue (85%)



- Red (81%)
- Yellow (75%)
- Blue (85%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)





- Cyan (19%)
- Magenta (26%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 15.590, 312.754 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, 15.590, 312.754 by changing the saturation by 10% instead.


 79, 15.590,
312.754


 79, 15.590,
312.754


 100, 15.590,
312.754


 69, 15.590,
312.754


 99, 15.590,
312.754

 59, 15.590,
312.754

 49, 15.590,
312.754

 39, 15.590,
312.754

 29, 15.590,
312.754

 19, 15.590,
312.754

 9, 15.590, 312.754

0, 15.590, 312.754

79, 15.590,
312.754

79, 15.590,
312.754

73, 28.443,
313.212

85, 3.028, 312.283

91, 9.192, 131.957

67, 41.502,
313.683

98, 21.027,
131.575

61, 54.600,
314.146

98, 19.941,
123.241

55, 67.460,
314.569

99, 19.335,
114.012

50, 79.653,
314.902

99, 19.234,
108.722

46, 90.559,
315.075

■ 42, 99.413,
315.003

■ 39, 105.485,
314.595

■ 37, 108.387,
314.089

Harmonies

Complementary

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



79, 15.590, 312.754



85, 15.374, 131.711

Rectangle

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



79, 15.590, 312.754



79, 15.590, 2.754



79, 15.590, 132.754



79, 15.590, 182.754

Sweetspot

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



79, 15.588, 312.753



97, 5.657, 312.370



81, 9.166, 265.613



51, 4.023, 312.406



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, 15.588, 312.753



89, 21.493, 312.875



80, 16.449, 327.467



43, 7.147, 312.618



29, 91.583, 314.256



4, 31.968, 313.121

Inverse Universe

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



79, 11.597, 350.063



90, 16.000, 350.341



84, 16.421, 146.016



43, 5.313, 349.759



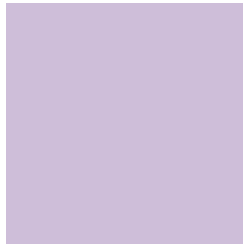
37, 63.411, 10.680



6, 24.339, 0.734

Previews

White Background



This preview shows how the CIELCh color 79, 15.590, 312.754 looks on a white background.

Color Contrast Check

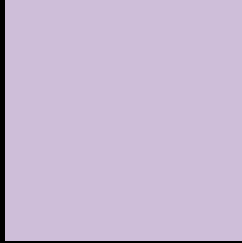
Large Text (above 18pt) WCAG AA × Fail

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, 15.590, 312.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

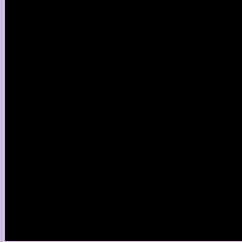
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 15.590, 312.754

Background



This preview shows how black text looks on a background with the CIELCh color 79, 15.590, 312.754.



This preview shows how white text looks on a background with the CIELCh color 79, 15.590, 312.754.

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, 15.590, 312.754

Protanopia

79, 13.904, 288.574

Deuteranopia

79, 15.464, 311.515



Tritanopia
79, 9.165, 319.106

Trichromacy



Original Color
79, 15.590, 312.754

Protanomaly
79, 14.000, 297.150

Deuteranomaly
79, 15.464, 311.515

Tritanomaly
79, 11.875, 316.113

Monochromacy



Original Color
79, 15.590, 312.754

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 5.794, 312.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 15.590, 312.754 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(206, 190, 217)` looks like.

```
.text, #text, p{  
    color:rgb(206, 190, 217)  
}
```

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(206, 190, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 190, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 15.590, 312.754 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(206, 190, 217) }
```

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

```
.border{ border-color:rgb(206, 190, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 190, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 190, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 190, 217);  
box-shadow:4px 4px 4px 4px rgb(206, 190,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 15.590, 312.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 190, 217) }
```

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

```
.background{ background-color: rgb(206,  
190, 217) }
```

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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