

Converting Colors

CIELCh(79, 0.143, 144.301)

Have a look what the booklet for
CIELCh(79, 0.143, 144.301) contains.

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Color

CIELCh(79, 0.643, 144.809)

Conversions

Conversions Part 1

Format	Color
Hex	C3C4C3
RGB	195, 196, 195
RGB Percent	76%, 77%, 76%
CMY	0.2359, 0.2319, 0.2359
CMYK	0.01, 0.00, 0.01, 0.23
HSL	120°, 1%, 77%
HSV	120°, 1%, 77%
XYZ	52.0070, 54.9284, 59.4027
YIQ	195.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

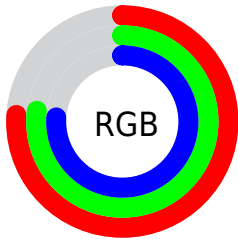
Format	Color
RYB	195, 196, 196
Decimal	12829891
CIELab	79.00, -0.53, 0.37
CIElCh	79, 0.643, 144.809
Yxy	54.9284, 0.3127, 0.3302
Android (android.graphics.Color)	4291019971 (0xFFC3C4C3)
YUV	195.5870, -0.2894, -0.5148
Hunter-Lab	74.1137, -4.4420, 4.3582

Details

The CIELCh color $79, 0.643, 144.809$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 0.662, 324.089$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 0.610, 144.924$, and $59, 0.685, 144.697$ is the 20% darker color. If you saturate the color by 10%, you get $77, 13.504, 143.843$, and if you desaturate by 10%, it is $81, 11.987, 324.896$.

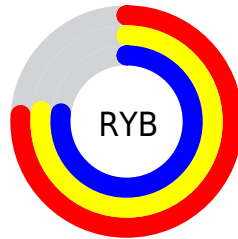
Distribution



Red (76%)

Green (77%)

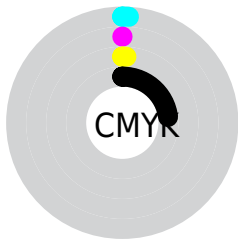
Blue (76%)



Red (76%)

Yellow (77%)

Blue (77%)

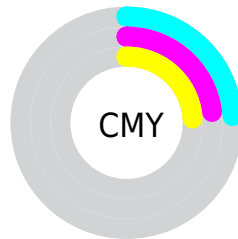


Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (23%)



Cyan (24%)

Magenta (23%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 0.643, 144.809 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, 0.643, 144.809 by changing the saturation by 10% instead.

■ 79, 0.643, 144.809

■ 79, 0.643, 144.809

■ 100, 0.643,
144.809

■ 69, 0.643, 144.809

■ 99, 0.643, 144.809

■ 59, 0.643, 144.809

■ 49, 0.643, 144.809

■ 39, 0.643, 144.809

■ 29, 0.643, 144.809

■ 19, 0.643, 144.809

■ 9, 0.643, 144.809

■ 0, 0.643, 144.809

■ 79, 0.643, 144.809

■ 79, 0.643, 144.809

77, 13.504,
143.843

81, 11.987,
324.896

75, 26.458,
143.135

83, 24.305,
325.331

74, 39.323,
142.317

86, 36.258,
325.692

73, 51.850,
141.377

86, 37.095,
325.713

71, 63.717,
140.327

71, 74.527,
139.203

70, 83.806,
138.086

69, 91.035,
137.102

69, 95.774,

136.397

Harmonies

Complementary

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



79, 0.643, 144.809



79, 0.662, 324.089

Rectangle

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



79, 0.643, 144.809



79, 0.643, 194.809



79, 0.643, 324.809



79, 0.643, 14.809

Sweetspot

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



79, 0.645, 144.810

100, 0.012, 296.813



79, 0.526, 110.009



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



79, 0.645, 144.810



100, 1.571, 144.586



79, 0.451, 164.494



41, 0.712, 144.607



57, 84.785, 136.017



10, 24.260, 144.097

Inverse Universe

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



79, 0.662, 324.089



99, 1.591, 324.306



79, 0.465, 342.833



41, 0.722, 324.285



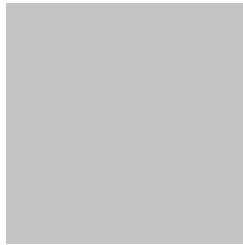
38, 81.799, 328.237



4, 24.211, 326.362

Previews

White Background



This preview shows how the CIELCh color 79, 0.643, 144.809 looks on a white background.

Color Contrast Check

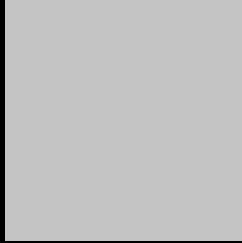
Large Text (above 18pt) WCAG AA × Fail

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, 0.643, 144.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

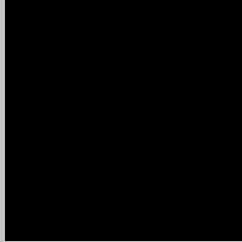
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

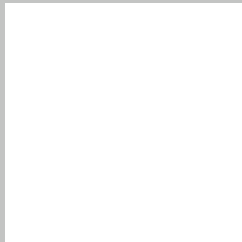
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 0.643, 144.809

Background



This preview shows how black text looks on a background with the CIELCh color 79, 0.643, 144.809.

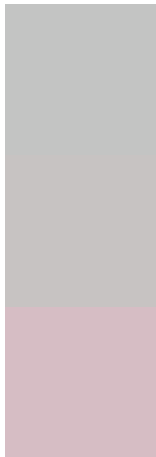


This preview shows how white text looks on a background with the CIELCh color 79, 0.643, 144.809.

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, 0.643, 144.809

Protanopia

79, 1.562, 39.080

Deuteranopia

79, 10.046, 358.443



Tritanopia
79, 8.109, 298.494

Trichromacy



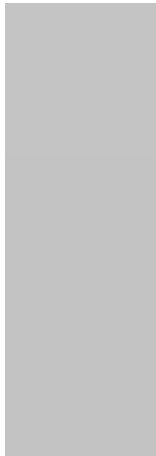
Original Color
79, 0.643, 144.809

Protanomaly
79, 0.900, 55.043

Deuteranomaly
79, 6.521, 355.749

Tritanomaly
79, 4.832, 294.903

Monochromacy



Original Color
79, 0.643, 144.809

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 0.010, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 0.643, 144.809 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(195, 196, 195)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 195)  
}
```

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(195, 196, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 0.643, 144.809 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(195, 196, 195) }
```

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

```
.border{ border-color:rgb(195, 196, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 196, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 195);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 0.643, 144.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 195) }
```

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

```
.background{ background-color: rgb(195,  
196, 195) }
```

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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