

Converting Colors

CIELCh(79, 2.100, 47.490)

Have a look what the booklet for
CIELCh(79, 2.100, 47.490) contains.

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Color

CIELCh(79, 2.123, 49.341)

Conversions

Conversions Part 1

Format	Color
Hex	C8C3C1
RGB	200, 195, 193
RGB Percent	78%, 76%, 76%
CMY	0.2171, 0.2367, 0.2446
CMYK	0.00, 0.03, 0.04, 0.22
HSL	17°, 6%, 77%
HSV	17°, 4%, 78%
XYZ	52.7387, 54.9284, 58.0608
YIQ	196.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

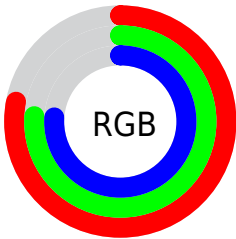
Format	Color
R_{YB}	200, 196, 193
Decimal	13157313
CIE Lab	79.00, 1.38, 1.61
CIE LCh	79, 2.123, 49.341
Yxy	54.9284, 0.3182, 0.3314
Android (android.graphics.Color)	4291347393 (0xFFC8C3C1)
YUV	196.2670, -1.6106, 3.2738
Hunter-Lab	74.1137, -2.6799, 5.4317

Details

The CIELCh color **79, 2.123, 49.341** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 2.090, 230.316**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.836, 74.893**, and **59, 2.039, 35.451** is the 20% darker color. If you saturate the color by 10%, you get **75, 8.503, 49.015**, and if you desaturate by 10%, it is **83, 3.805, 230.393**.

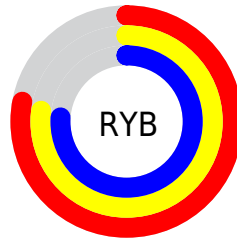
Distribution



Red (78%)

Green (76%)

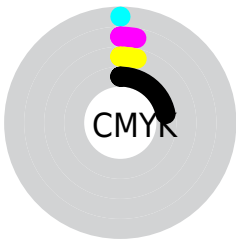
Blue (76%)



Red (78%)

Yellow (77%)

Blue (76%)

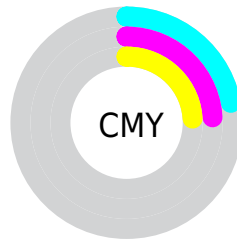


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 2.123, 49.341 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, 2.123, 49.341 by changing the saturation by 10% instead.

■ 79, 2.123, 49.341

■ 79, 2.123, 49.341

■ 100, 2.123, 49.341

■ 69, 2.123, 49.341

■ 99, 2.123, 49.341

■ 59, 2.123, 49.341

■ 49, 2.123, 49.341

■ 39, 2.123, 49.341

■ 29, 2.123, 49.341

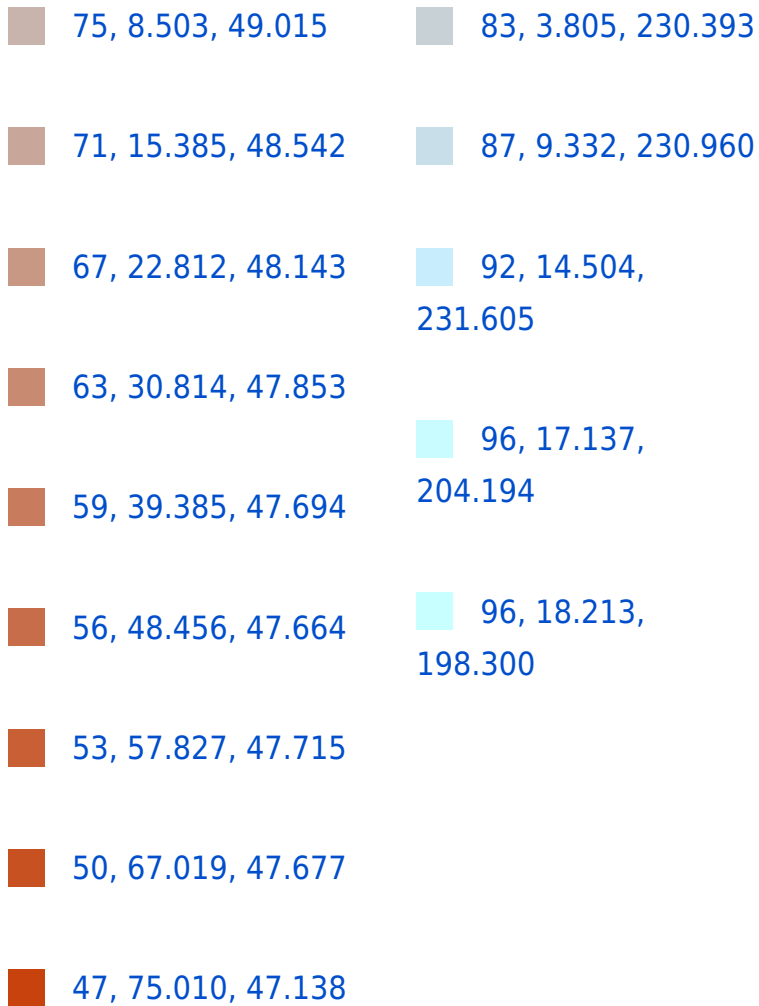
■ 19, 2.123, 49.341

■ 9, 2.123, 49.341

■ 0, 2.123, 49.341

■ 79, 2.123, 49.341

■ 79, 2.123, 49.341



Harmonies

Complementary

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



79, 2.123, 49.341



79, 2.090, 230.316

Rectangle

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



79, 2.123, 49.341



79, 2.123, 99.341



79, 2.123, 229.341



79, 2.123, 279.341

Sweetspot

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



79, 2.123, 49.402



99, 0.729, 48.949



79, 3.738, 333.764



53, 0.414, 48.908



0, 0.000, 0.000



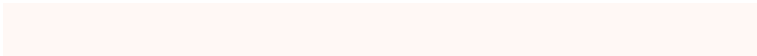
53, 0.007, 296.813

Same Dimension

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



79, 2.123, 49.402



98, 2.962, 49.403



80, 2.953, 98.932



41, 1.720, 49.394



38, 67.968, 47.086



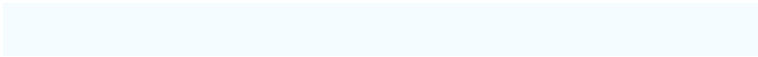
5, 13.633, 36.992

Inverse Universe

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



79, 2.090, 230.316



99, 2.906, 230.320



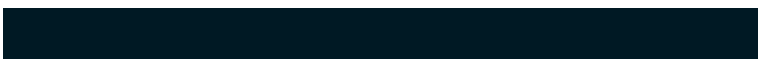
79, 2.980, 279.842



41, 1.681, 230.335



46, 34.205, 252.988



8, 11.284, 242.306

Previews

White Background



This preview shows how the CIELCh color 79, 2.123, 49.341 looks on a white background.

Color Contrast Check

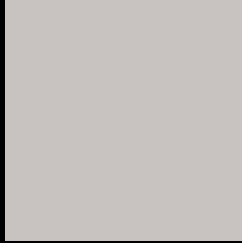
Large Text (above 18pt) WCAG AA × Fail

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, 2.123, 49.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

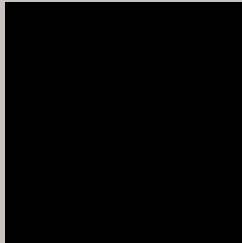
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

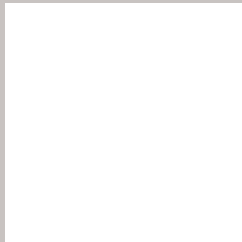
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 2.123, 49.341

Background



This preview shows how black text looks on a background with the CIELCh color 79, 2.123, 49.341.



This preview shows how white text looks on a background with the CIELCh color 79, 2.123, 49.341.

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, 2.123, 49.341

Protanopia

79, 2.123, 49.341

Deuteranopia

79, 10.096, 4.938



Tritanopia
79, 9.330, 313.612

Trichromacy



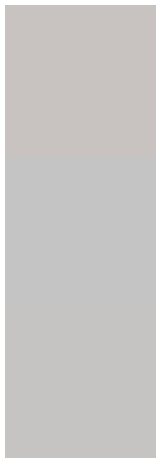
Original Color
79, 2.123, 49.341

Protanomaly
79, 2.123, 49.341

Deuteranomaly
79, 6.904, 6.530

Tritanomaly
79, 5.658, 321.571

Monochromacy



Original Color
79, 2.123, 49.341

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 0.637, 74.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 2.123, 49.341 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(200, 195, 193)` looks like.

```
.text, #text, p{  
    color:rgb(200, 195, 193)  
}
```

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(200, 195, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 195, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 2.123, 49.341 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(200, 195, 193) }
```

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

```
.border{ border-color:rgb(200, 195, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 195, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 195, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 195, 193);  
box-shadow:4px 4px 4px 4px rgb(200, 195,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 2.123, 49.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 195, 193) }
```

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

```
.background{ background-color: rgb(200,  
195, 193) }
```

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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