

Converting Colors

CIELCh(79, 4.901, 182.773)

Have a look what the booklet for
CIELCh(79, 4.901, 182.773) contains.

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Color

CIELCh(79, 4.842, 186.389)

Conversions

Conversions Part 1

Format	Color
Hex	B9C6C4
RGB	185, 198, 196
RGB Percent	73%, 78%, 77%
CMY	0.2730, 0.2220, 0.2299
CMYK	0.07, 0.00, 0.01, 0.22
HSL	171°, 10%, 75%
HSV	171°, 7%, 78%
XYZ	50.3888, 54.9284, 60.3998
YIQ	193.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

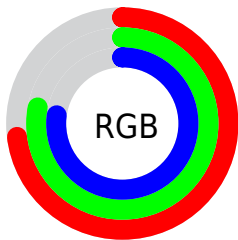
Format	Color
RYB	185, 192, 198
Decimal	12175044
CIELab	79.00, -4.81, -0.54
CIELCh	79, 4.842, 186.389
Yxy	54.9284, 0.3041, 0.3315
Android (android.graphics.Color)	4290365124 (0xFFB9C6C4)
YUV	193.8850, 1.0427, -7.7921
Hunter-Lab	74.1137, -8.3394, 3.5605

Details

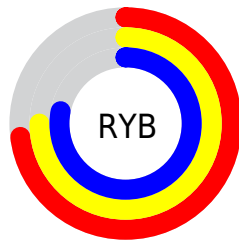
The CIELCh color $79, 4.842, 186.389$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 4.989, 7.288$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.960, 187.370$, and $59, 4.754, 185.216$ is the 20% darker color. If you saturate the color by 10%, you get $78, 12.030, 185.448$, and if you desaturate by 10%, it is $81, 2.581, 6.897$.

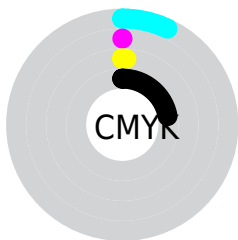
Distribution



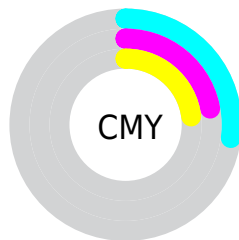
- Red (73%)
- Green (78%)
- Blue (77%)



- Red (73%)
- Yellow (75%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.842, 186.389 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, 4.842, 186.389 by changing the saturation by 10% instead.

■ 79, 4.842, 186.389

■ 79, 4.842, 186.389

■ 100, 4.842,
186.389

■ 69, 4.842, 186.389

■ 99, 4.842, 186.389

■ 59, 4.842, 186.389

■ 49, 4.842, 186.389

■ 39, 4.842, 186.389

■ 29, 4.842, 186.389

■ 19, 4.842, 186.389

■ 9, 4.842, 186.389

■ 0, 4.842, 186.389

■ 79, 4.842, 186.389

■ 79, 4.842, 186.389

78, 12.030,
185.448

81, 2.581, 6.897

76, 18.869,
184.538

82, 10.149, 7.856

75, 25.240,
183.594

84, 17.784, 8.666

74, 31.019,
182.600

85, 22.122, 2.990

73, 36.089,
181.538

85, 22.564,
359.087

73, 40.357,
180.388

85, 23.112,
355.357

72, 43.767,
179.130

86, 23.759,
351.824

72, 46.319,
177.741

86, 24.498,
348.499

72, 48.093,

Harmonies

Complementary

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



79, 4.842, 186.389



76, 4.989, 7.288

Rectangle

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



79, 4.842, 186.389



79, 4.842, 236.389



79, 4.842, 6.389



79, 4.842, 56.389

Sweetspot

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



79, 4.843, 186.373



100, 1.820, 186.991



79, 8.046, 139.520



53, 1.035, 187.017



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, 4.843, 186.373



98, 7.230, 186.220



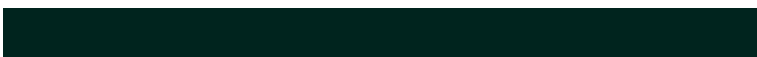
78, 3.860, 236.382



41, 4.181, 186.100



60, 41.951, 175.925



12, 14.576, 179.893

Inverse Universe

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



76, 4.989, 7.288



95, 7.498, 7.455



77, 3.979, 55.061



39, 4.360, 7.587



34, 68.253, 32.167



3, 16.068, 11.471

Previews

White Background



This preview shows how the CIELCh color 79, 4.842, 186.389 looks on a white background.

Color Contrast Check

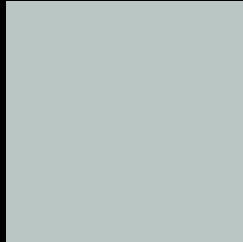
Large Text (above 18pt) WCAG AA × Fail

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, 4.842, 186.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

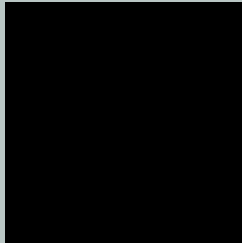
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

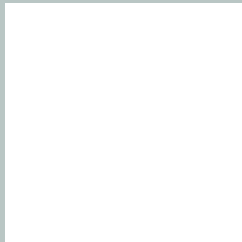
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 4.842, 186.389

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.842, 186.389.



This preview shows how white text looks on a background with the CIELCh color 79, 4.842, 186.389.

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, 4.842, 186.389

Protanopia

79, 1.847, 19.258

Deuteranopia

79, 10.133, 351.983



Tritanopia
79, 8.940, 272.652

Trichromacy



Original Color
79, 4.842, 186.389

Protanomaly
79, 0.906, 164.009

Deuteranomaly
79, 4.879, 346.549

Tritanomaly
79, 5.919, 253.745

Monochromacy



Original Color
79, 4.842, 186.389

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 1.907, 183.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 4.842, 186.389 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(185, 198, 196)` looks like.

```
.text, #text, p{  
    color:rgb(185, 198, 196)  
}
```

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(185, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 198, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 4.842, 186.389 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(185, 198, 196) }
```

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

```
.border{ border-color:rgb(185, 198, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 198, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(185, 198,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 4.842, 186.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 198, 196) }
```

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

```
.background{ background-color: rgb(185,  
198, 196) }
```

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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