

Converting Colors

CIELCh(79, 12.881, 148.886)

Have a look what the booklet for
CIELCh(79, 12.881, 148.886)
contains.

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Color

CIELCh(79, 12.646, 149.217)

Conversions

Conversions Part 1

Format	Color
Hex	B3C9B7
RGB	179, 201, 183
RGB Percent	70%, 79%, 72%
CMY	0.2971, 0.2108, 0.2814
CMYK	0.11, 0.00, 0.09, 0.21
HSL	131°, 17%, 75%
HSV	131°, 11%, 79%
XYZ	48.1616, 54.9284, 52.9945
YIQ	192.3700, -7.3340, -10.2620

Conversions

Conversions Part 2

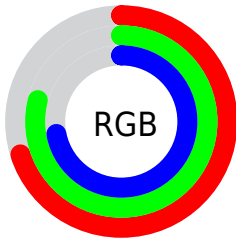
Format	Color
RYB	179, 198, 201
Decimal	11782583
CIELab	79.00, -10.86, 6.47
CIELCh	79, 12.646, 149.217
Yxy	54.9284, 0.3086, 0.3519
Android (android.graphics.Color)	4289972663 (0xFFB3C9B7)
YUV	192.3700, -4.6194, -11.7255
Hunter-Lab	74.1137, -13.7037, 9.4847

Details

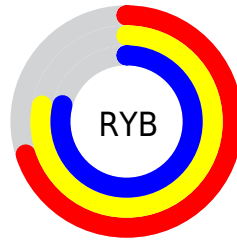
The CIELCh color **79, 12.646, 149.217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 12.685, 330.544**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.828, 150.053**, and **59, 12.729, 149.288** is the 20% darker color. If you saturate the color by 10%, you get **77, 24.302, 148.448**, and if you desaturate by 10%, it is **81, 1.068, 150.130**.

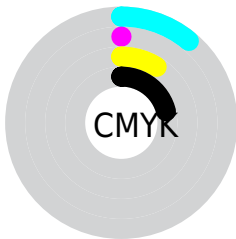
Distribution



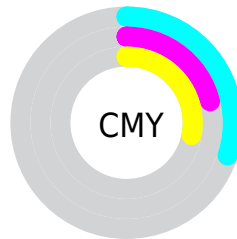
- Red (70%)
- Green (79%)
- Blue (72%)



- Red (70%)
- Yellow (78%)
- Blue (79%)



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)





- Cyan (30%)
- Magenta (21%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 12.646, 149.217 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, 12.646, 149.217 by changing the saturation by 10% instead.


 79, 12.646,
149.217


 79, 12.646,
149.217


 100, 12.646,
149.217


 69, 12.646,
149.217


 99, 12.646,
149.217

 59, 12.646,
149.217

 49, 12.646,
149.217

 39, 12.646,
149.217

 29, 12.646,
149.217

 19, 12.646,
149.217

 9, 12.646, 149.217

0, 12.646, 149.217

79, 12.646,
149.217

79, 12.646,
149.217

77, 24.302,
148.448

81, 1.068, 150.130

76, 35.880,
147.565

83, 10.327,
330.377

75, 47.190,
146.542

85, 21.458,
330.881

73, 58.003,
145.367

87, 31.286,
328.803

73, 68.060,
144.034

87, 33.712,
325.597

72, 77.092,
142.559

■ 71, 84.834,
140.985

■ 71, 91.052,
139.396

■ 71, 95.297,
138.102

Harmonies

Complementary

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



79, 12.646, 149.217



75, 12.685, 330.544

Rectangle

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



79, 12.646, 149.217



79, 12.646, 199.217



79, 12.646, 329.217



79, 12.646, 19.217

Sweetspot

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



79, 12.648, 149.216



99, 4.176, 149.802



80, 11.744, 115.923



53, 3.169, 149.732



0, 0.000, 0.000



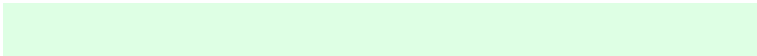
53, 0.007, 296.813

Same Dimension

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



79, 12.648, 149.216



97, 18.242, 149.052



79, 8.920, 172.739



41, 6.490, 149.329



58, 81.097, 138.343



11, 24.335, 146.913

Inverse Universe

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



75, 12.685, 330.544



92, 18.297, 330.689



75, 9.172, 354.677



39, 6.509, 330.443



37, 71.932, 336.969



4, 22.814, 334.134

Previews

White Background



This preview shows how the CIELCh color 79, 12.646, 149.217 looks on a white background.

Color Contrast Check

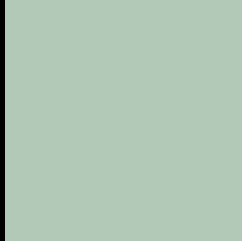
Large Text (above 18pt) WCAG AA × Fail

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, 12.646, 149.217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

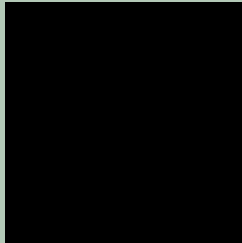
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

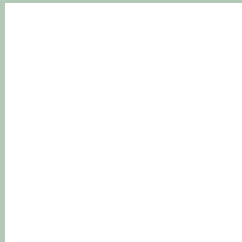
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 12.646, 149.217

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.646, 149.217.

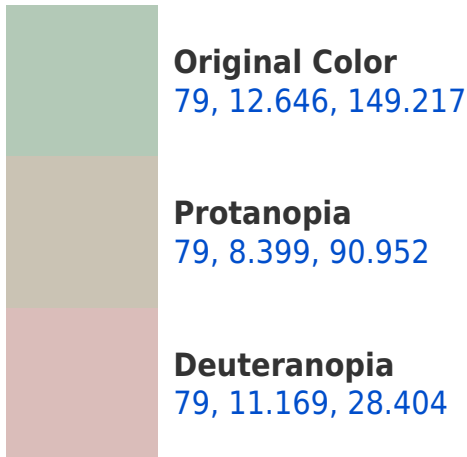


This preview shows how white text looks on a background with the CIELCh color 79, 12.646, 149.217.

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](#).

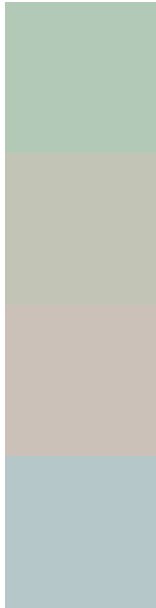
Dichromacy





Tritanopia
79, 9.575, 262.719

Trichromacy



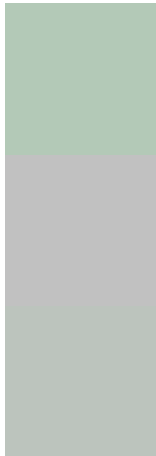
Original Color
79, 12.646, 149.217

Protanomaly
79, 8.591, 116.956

Deuteranomaly
79, 5.934, 65.353

Tritanomaly
79, 6.229, 213.988

Monochromacy



Original Color
79, 12.646, 149.217

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 4.785, 147.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.646, 149.217 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(179, 201, 183)` looks like.

```
.text, #text, p{  
    color:rgb(179, 201, 183)  
}
```

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(179, 201, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 201, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.646, 149.217 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(179, 201, 183) }
```

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

```
.border{ border-color:rgb(179, 201, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 201, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 201, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 201, 183); box-shadow:4px 4px 4px 4px rgb(179, 201, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.646, 149.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 201, 183) }
```

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

```
.background{ background-color: rgb(179,  
201, 183) }
```

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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