

Converting Colors

CIELCh(79, 6.158, 143.347)

Have a look what the booklet for
CIELCh(79, 6.158, 143.347) contains.

CIELCh(79, 5.862, 144.230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 5.862, 144.230)

Conversions

Conversions Part 1

Format	Color
Hex	BDC6BD
RGB	189, 198, 189
RGB Percent	74%, 78%, 74%
CMY	0.2585, 0.2232, 0.2585
CMYK	0.05, 0.00, 0.05, 0.22
HSL	120°, 7%, 76%
HSV	120°, 5%, 78%
XYZ	50.4096, 54.9284, 56.1321
YIQ	194.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

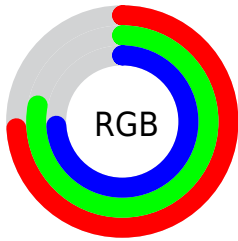
Format	Color
RYB	189, 198, 198
Decimal	12437181
CIELab	79.00, -4.76, 3.43
CIELCh	79, 5.862, 144.230
Yxy	54.9284, 0.3122, 0.3402
Android (android.graphics.Color)	4290627261 (0xFFBDC6BD)
YUV	194.2830, -2.6045, -4.6332
Hunter-Lab	74.1137, -8.2893, 6.9746

Details

The CIELCh color **79, 5.862, 144.230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 5.881, 324.646**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.207, 144.269**, and **59, 5.531, 144.171** is the 20% darker color. If you saturate the color by 10%, you get **77, 18.900, 143.566**, and if you desaturate by 10%, it is **81, 6.990, 324.687**.

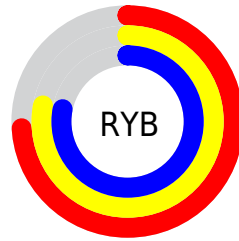
Distribution



Red (74%)

Green (78%)

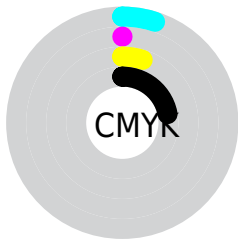
Blue (74%)



Red (74%)

Yellow (78%)

Blue (78%)

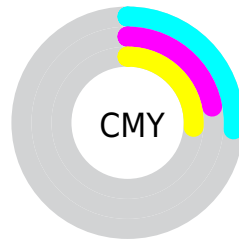


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (22%)



Cyan (26%)

Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.862, 144.230 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, 5.862, 144.230 by changing the saturation by 10% instead.

■ 79, 5.862, 144.230

■ 79, 5.862, 144.230

■ 100, 5.862,
144.230

■ 69, 5.862, 144.230

■ 99, 5.862, 144.230

■ 59, 5.862, 144.230

■ 49, 5.862, 144.230

■ 39, 5.862, 144.230

■ 29, 5.862, 144.230

■ 19, 5.862, 144.230

■ 9, 5.862, 144.230

■ 0, 5.862, 144.230

■ 79, 5.862, 144.230

■ 79, 5.862, 144.230

77, 18.900,
143.566

81, 6.990, 324.687

75, 31.964,
142.816

83, 19.558,
325.164

74, 44.844,
141.948

86, 31.775,
325.552

73, 57.260,
140.960

86, 35.701,
325.665

72, 68.856,
139.872

71, 79.197,
138.738

70, 87.779,
137.657

70, 94.087,
136.771

70, 97.779,

Harmonies

Complementary

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



79, 5.862, 144.230



78, 5.881, 324.646

Rectangle

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



79, 5.862, 144.230



79, 5.862, 194.230



79, 5.862, 324.230



79, 5.862, 14.230

Sweetspot

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



79, 5.864, 144.230



100, 1.571, 144.584



80, 4.778, 109.733



53, 0.893, 144.597



0, 0.000, 0.000



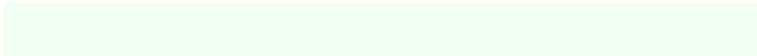
53, 0.007, 296.813

Same Dimension

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



79, 5.864, 144.230



99, 7.923, 144.195



79, 4.097, 163.379



41, 4.409, 144.158



58, 85.775, 136.016



11, 26.597, 143.591

Inverse Universe

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



78, 5.881, 324.646



97, 7.944, 324.680



77, 4.132, 343.923



40, 4.420, 324.714



39, 82.759, 328.233



4, 26.741, 327.027

Previews

White Background



This preview shows how the CIELCh color 79, 5.862, 144.230 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, 5.862, 144.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

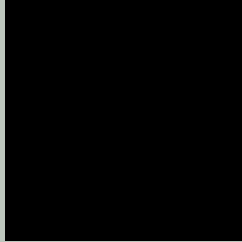
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

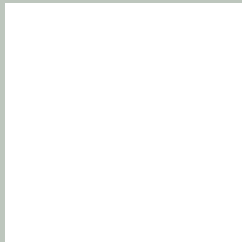
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.862, 144.230

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.862, 144.230.



This preview shows how white text looks on a background with the CIELCh color 79, 5.862, 144.230.

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

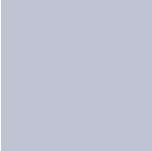
79, 5.862, 144.230

Protanopia

79, 4.797, 81.800

Deuteranopia

79, 10.229, 14.237



Tritanopia
79, 8.068, 283.342

Trichromacy



Original Color
79, 5.862, 144.230

Protanomaly
79, 4.265, 104.761

Deuteranomaly
79, 5.344, 31.185

Tritanomaly
79, 3.652, 260.965

Monochromacy



Original Color
79, 5.862, 144.230

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.949, 144.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.862, 144.230 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(189, 198, 189)` looks like.

```
.text, #text, p{  
    color:rgb(189, 198, 189)  
}
```

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(189, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 198, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.862, 144.230 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(189, 198, 189) }
```

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

```
.border{ border-color:rgb(189, 198, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 198, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 198, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 198, 189);  
box-shadow:4px 4px 4px 4px rgb(189, 198,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.862, 144.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 198, 189) }
```

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

```
.background{ background-color: rgb(189,  
198, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor