

Converting Colors

CIELCh(79, 4.491, 189.558)

Have a look what the booklet for
CIELCh(79, 4.491, 189.558) contains.

CIELCh(79, 4.381, 192.184)	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, 4.381, 192.184)

Conversions

Conversions Part 1

Format	Color
Hex	BAC6C5
RGB	186, 198, 197
RGB Percent	73%, 78%, 77%
CMY	0.2701, 0.2231, 0.2270
CMYK	0.06, 0.00, 0.01, 0.22
HSL	175°, 10%, 75%
HSV	175°, 6%, 78%
XYZ	50.5869, 54.9284, 60.8263
YIQ	194.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

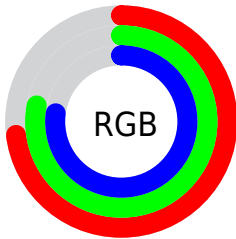
Format	Color
R_{YB}	186, 192, 198
Decimal	12240581
CIE Lab	79.00, -4.28, -0.92
CIE LCh	79, 4.381, 192.184
Yxy	54.9284, 0.3041, 0.3302
Android (android.graphics.Color)	4290430661 (0xFFBAC6C5)
YUV	194.2980, 1.3321, -7.2773
Hunter-Lab	74.1137, -7.8623, 3.2194

Details

The CIELCh color $79, 4.381, 192.184$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 4.526, 12.845$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.526, 192.802$, and $59, 4.256, 191.429$ is the 20% darker color. If you saturate the color by 10%, you get $78, 11.374, 191.352$, and if you desaturate by 10%, it is $81, 2.901, 12.592$.

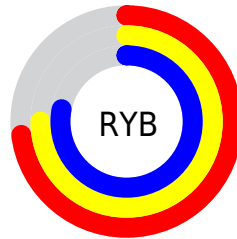
Distribution



Red (73%)

Green (78%)

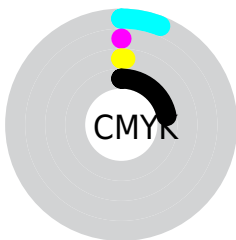
Blue (77%)



Red (73%)

Yellow (75%)

Blue (78%)

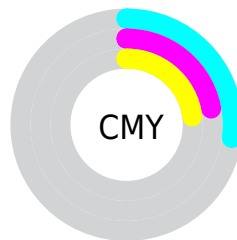


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (22%)



Cyan (27%)

Magenta (22%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.381, 192.184 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, 4.381, 192.184 by changing the saturation by 10% instead.

■ 79, 4.381, 192.184

■ 79, 4.381, 192.184

■ 100, 4.381,
192.184

■ 69, 4.381, 192.184

■ 99, 4.381, 192.184

■ 59, 4.381, 192.184

■ 49, 4.381, 192.184

■ 39, 4.381, 192.184

■ 29, 4.381, 192.184

■ 19, 4.381, 192.184

■ 9, 4.381, 192.184

■ 0, 4.381, 192.184

■ 79, 4.381, 192.184

■ 79, 4.381, 192.184

78, 11.374,
191.352

81, 2.901, 12.592

76, 17.965,
190.594

82, 10.379, 13.456

75, 24.035,
189.840

84, 17.972, 14.204

74, 29.466,
189.080

85, 21.699, 11.099

74, 34.147,
188.302

85, 21.798, 8.851

73, 37.992,
187.496

85, 21.933, 6.628

73, 40.955,
186.647

85, 22.103, 4.438

72, 43.040,
185.737

85, 22.306, 2.285

72, 44.327,

184.752

Harmonies

Complementary

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



79, 4.381, 192.184



77, 4.526, 12.845

Rectangle

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



79, 4.381, 192.184



79, 4.381, 242.184



79, 4.381, 12.184



79, 4.381, 62.184

Sweetspot

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



79, 4.382, 192.164



100, 1.786, 192.701



79, 7.581, 141.442



53, 1.016, 192.727



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, 4.382, 192.164



99, 6.202, 192.069



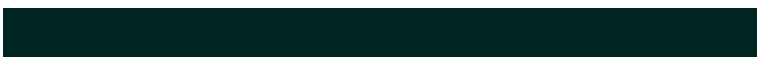
78, 3.626, 244.664



41, 3.283, 192.034



60, 38.682, 184.511



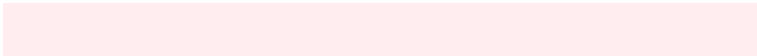
12, 13.731, 186.976

Inverse Universe

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



77, 4.526, 12.845



95, 6.441, 12.950



78, 3.705, 63.165



40, 3.416, 12.989



34, 71.350, 36.243



3, 15.946, 15.078

Previews

White Background



This preview shows how the CIE LCh color 79, 4.381, 192.184 looks on a white background.

Color Contrast Check

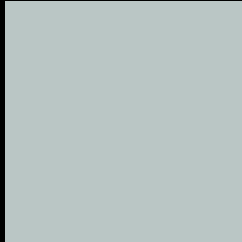
Large Text (above 18pt) WCAG AA × Fail

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, 4.381, 192.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

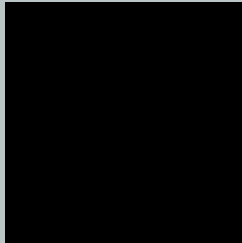
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

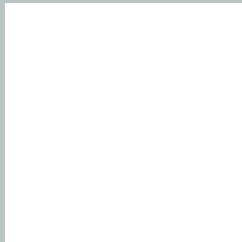
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 4.381, 192.184

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.381, 192.184.



This preview shows how white text looks on a background with the CIELCh color 79, 4.381, 192.184.

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](#).

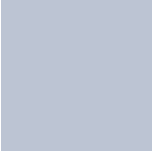
Dichromacy



Original Color
79, 4.381, 192.184

Protanopia
79, 1.927, 3.211

Deuteranopia
79, 10.385, 349.378



Tritanopia
79, 8.438, 271.428

Trichromacy



Original Color
79, 4.381, 192.184

Protanomaly
79, 0.650, 256.097

Deuteranomaly
79, 5.190, 341.630

Tritanomaly
79, 5.919, 253.745

Monochromacy



Original Color
79, 4.381, 192.184

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.460, 199.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 4.381, 192.184 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(186, 198, 197)` looks like.

```
.text, #text, p{  
    color:rgb(186, 198, 197)  
}
```

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(186, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 198, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 4.381, 192.184 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(186, 198, 197) }
```

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

```
.border{ border-color:rgb(186, 198, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 198, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(186, 198,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 4.381, 192.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 198, 197) }
```

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

```
.background{ background-color: rgb(186,  
198, 197) }
```

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