

Converting Colors

CIELCh(79, 9.693, 118.263)

Have a look what the booklet for
CIELCh(79, 9.693, 118.263) contains.

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Color

CIELCh(79, 9.693, 118.263)

Conversions

Conversions Part 1

Format	Color
Hex	C2C6B4
RGB	194, 198, 180
RGB Percent	76%, 78%, 71%
CMY	0.2406, 0.2249, 0.2955
CMYK	0.02, 0.00, 0.09, 0.22
HSL	73°, 14%, 74%
HSV	73°, 9%, 78%
XYZ	50.4718, 54.9284, 50.9346
YIQ	194.7520, 3.3940, -6.4460

Conversions

Conversions Part 2

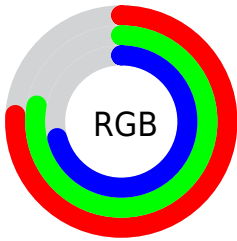
Format	Color
RYB	180, 198, 184
Decimal	12764852
CIELab	79.00, -4.59, 8.54
CIELCh	79, 9.693, 118.263
Yxy	54.9284, 0.3228, 0.3514
Android (android.graphics.Color)	4290954932 (0xFFC2C6B4)
YUV	194.7520, -7.2727, -0.6595
Hunter-Lab	74.1137, -8.1395, 11.1326

Details

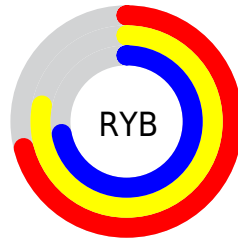
The CIELCh color $79, 9.693, 118.263$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 9.887, 299.471$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 9.742, 117.903$, and $59, 9.722, 118.621$ is the 20% darker color. If you saturate the color by 10%, you get $78, 20.304, 117.608$, and if you desaturate by 10%, it is $80, 0.963, 298.891$.

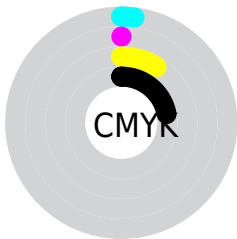
Distribution



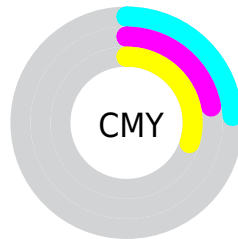
- Red (76%)
- Green (78%)
- Blue (71%)



- Red (71%)
- Yellow (78%)
- Blue (72%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 9.693, 118.263 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, 9.693, 118.263 by changing the saturation by 10% instead.

■ 79, 9.693, 118.263

■ 79, 9.693, 118.263

■ 100, 9.693,
118.263

■ 69, 9.693, 118.263

■ 99, 9.693, 118.263

■ 59, 9.693, 118.263

■ 49, 9.693, 118.263

■ 39, 9.693, 118.263

■ 29, 9.693, 118.263

■ 19, 9.693, 118.263

■ 9, 9.693, 118.263

■ 0, 9.693, 118.263

■ 79, 9.693, 118.263

■ 79, 9.693, 118.263

78, 20.304,
117.608

80, 0.963, 298.891

78, 30.788,
116.946

81, 11.617,
299.528

77, 41.035,
116.305

82, 22.230,
300.116

76, 50.875,
115.719

83, 30.841,
301.070

76, 60.055,
115.238

83, 31.085,
303.744

75, 68.213,
114.933

83, 31.392,
306.397

75, 74.882,
114.892

84, 31.763,
309.018

75, 79.601,
115.213

84, 32.196,
311.597

74, 82.353,

84, 32.689,
314.125

115.910

Harmonies

Complementary

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



79, 9.693, 118.263



74, 9.887, 299.471

Rectangle

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



79, 9.693, 118.263



79, 9.693, 168.263



79, 9.693, 298.263



79, 9.693, 348.263

Sweetspot

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



79, 9.695, 118.270



100, 3.922, 118.667



76, 5.736, 41.093



53, 2.975, 118.613



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, 9.695, 118.270



99, 14.400, 118.134



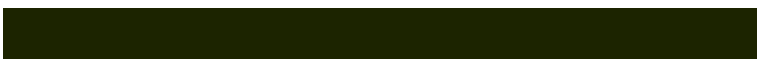
78, 10.779, 135.884



42, 6.068, 118.251



62, 71.577, 115.811



13, 20.897, 118.778

Inverse Universe

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



74, 9.887, 299.471



91, 14.742, 299.623



75, 10.860, 316.622



39, 6.192, 299.491



20, 94.018, 307.527



2, 21.694, 297.586

Previews

White Background



This preview shows how the CIELCh color 79, 9.693, 118.263 looks on a white background.

Color Contrast Check

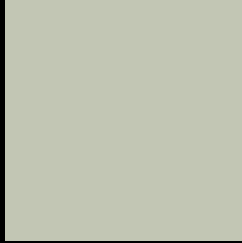
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 79, 9.693, 118.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

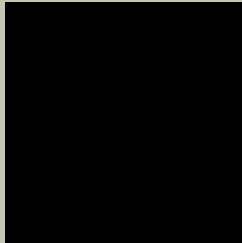
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

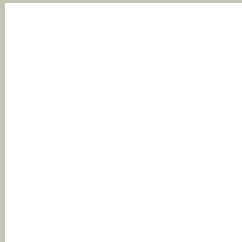
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 9.693, 118.263

Background



This preview shows how black text looks on a background with the CIELCh color 79, 9.693, 118.263.



This preview shows how white text looks on a background with the CIELCh color 79, 9.693, 118.263.

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, 9.693, 118.263

Protanopia

79, 9.533, 90.633

Deuteranopia

79, 12.702, 39.720



Tritanopia
79, 8.772, 302.703

Trichromacy



Original Color
79, 9.693, 118.263

Protanomaly
79, 9.155, 99.777

Deuteranomaly
79, 9.037, 60.017

Tritanomaly
79, 1.656, 303.092

Monochromacy



Original Color
79, 9.693, 118.263

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 3.217, 116.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 9.693, 118.263 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(194, 198, 180)` looks like.

```
.text, #text, p{  
    color:rgb(194, 198, 180)  
}
```

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(194, 198, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 198, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 9.693, 118.263 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(194, 198, 180) }
```

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

```
.border{ border-color:rgb(194, 198, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 198, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 198, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 198, 180);  
box-shadow:4px 4px 4px 4px rgb(194, 198,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 9.693, 118.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 198, 180) }
```

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

```
.background{ background-color: rgb(194,  
198, 180) }
```

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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