

Converting Colors

CIELCh(79, 23.810, 107.980)

Have a look what the booklet for
CIELCh(79, 23.810, 107.980)
contains.

CIELCh(79, 23.789, 107.991)	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, 23.789, 107.991)

Conversions

Conversions Part 1

Format	Color
Hex	C6C699
RGB	198, 198, 153
RGB Percent	78%, 78%, 60%
CMY	0.2220, 0.2220, 0.3986
CMYK	0.00, 0.00, 0.23, 0.22
HSL	60°, 28%, 69%
HSV	60°, 23%, 78%
XYZ	49.4475, 54.9284, 38.2888
YIQ	192.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

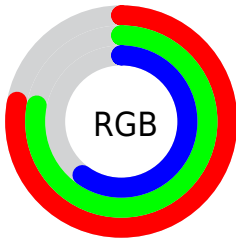
Format	Color
R_{YB}	153, 198, 153
Decimal	13026969
CIE _{Lab}	79.00, -7.35, 22.63
CIE _{LCh}	79, 23.789, 107.991
Yxy	54.9284, 0.3466, 0.3850
Android (android.graphics.Color)	4291217049 (0xFFC6C699)
YUV	192.8700, -19.6559, 4.4990
Hunter-Lab	74.1137, -10.6065, 21.2490

Details

The CIELCh color $79, 23.789, 107.991$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $65, 25.080, 292.787$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $99, 23.732, 108.378$, and $59, 23.471, 107.440$ is the 20% darker color. If you saturate the color by 10%, you get $79, 34.057, 107.038$, and if you desaturate by 10%, it is $79, 13.354, 108.960$.

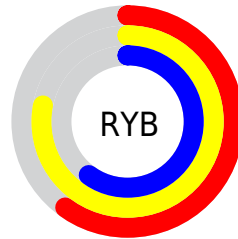
Distribution



Red (78%)

Green (78%)

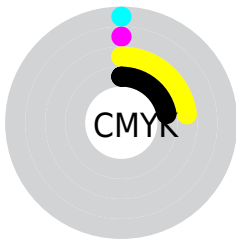
Blue (60%)



Red (60%)

Yellow (78%)

Blue (60%)

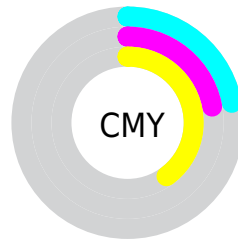


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (22%)



Cyan (22%)


Magenta (22%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 23.789, 107.991 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, 23.789, 107.991 by changing the saturation by 10% instead.


 79, 23.789,
107.991


 79, 23.789,
107.991


 100, 23.789,
107.991


 69, 23.789,
107.991


 99, 23.789,
107.991

 59, 23.789,
107.991

 49, 23.789,
107.991

 39, 23.789,
107.991

 29, 23.789,
107.991

 19, 23.789,
107.991

 9, 23.789, 107.991

■ 0, 23.789, 107.991

■ 79, 23.789,
107.991

■ 79, 23.789,
107.991

■ 79, 34.057,
107.038

■ 79, 13.354,
108.960

■ 78, 44.019,
106.110

■ 80, 2.831, 109.902

■ 78, 53.475,
105.236

■ 80, 7.722, 290.873

■ 78, 62.117,
104.448

■ 81, 18.268,
291.782

■ 78, 69.525,
103.785

■ 82, 28.783,
292.659

■ 78, 75.202,
103.287

■ 82, 30.078,
292.766

■ 82, 30.078,

■ 78, 78.742,
102.981

292.766

■ 78, 80.217,
102.854

■ 82, 30.078,
292.767

■ 82, 30.078,
292.767

Harmonies

Complementary

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



79, 23.789, 107.991



65, 25.080, 292.787

Rectangle

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



79, 23.789, 107.991



79, 23.789, 157.991



79, 23.789, 287.991



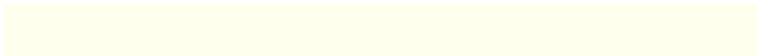
79, 23.789, 337.991

Sweetspot

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



79, 23.791, 107.995



100, 9.036, 109.494



67, 17.998, 21.086



53, 5.871, 109.436



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, 23.791, 107.995



99, 34.615, 107.543



77, 25.481, 128.035



42, 5.982, 109.277



65, 69.399, 102.854



13, 20.289, 105.979

Inverse Universe

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



65, 25.080, 292.787



78, 36.950, 293.460



67, 26.283, 310.136



38, 6.114, 291.146



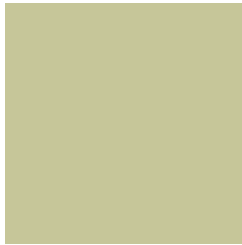
19, 95.828, 306.287



1, 21.510, 291.747

Previews

White Background



This preview shows how the CIELCh color 79, 23.789, 107.991 looks on a white background.

Color Contrast Check

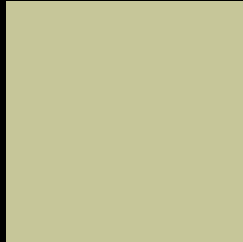
Large Text (above 18pt) WCAG AA × Fail

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, 23.789, 107.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

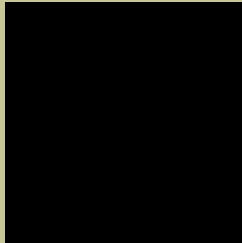
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

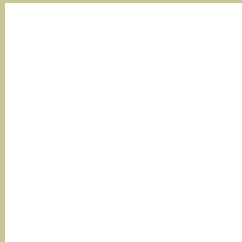
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 23.789, 107.991

Background



This preview shows how black text looks on a background with the CIELCh color 79, 23.789, 107.991.

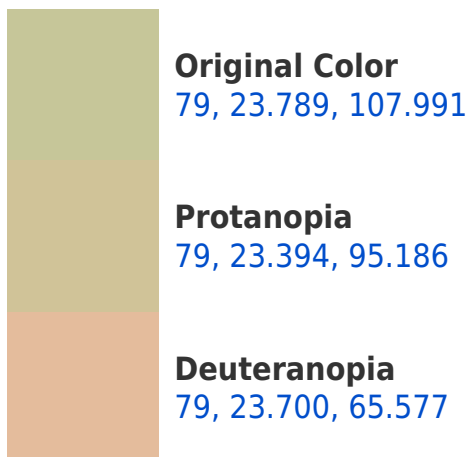



This preview shows how white text looks on a background with the CIELCh color 79, 23.789, 107.991.

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](#).

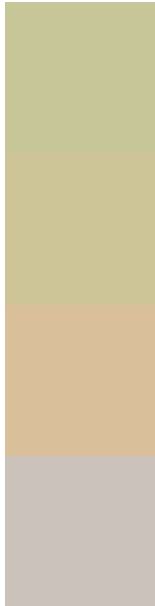
Dichromacy





Tritanopia
79, 9.542, 322.982

Trichromacy



Original Color
79, 23.789, 107.991

Protanomaly
79, 23.578, 99.240

Deuteranomaly
79, 22.168, 81.384

Tritanomaly
79, 5.014, 67.407

Monochromacy



Original Color
79, 23.789, 107.991

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.518, 109.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 23.789, 107.991 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(198, 198, 153)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 153)  
}
```

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(198, 198, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 23.789, 107.991 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(198, 198, 153) }
```

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

```
.border{ border-color:rgb(198, 198, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 153);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 23.789, 107.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 153) }
```

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

```
.background{ background-color: rgb(198,  
198, 153) }
```

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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