

Converting Colors

CIELCh(79, 22.868, 116.412)

Have a look what the booklet for
CIELCh(79, 22.868, 116.412)
contains.

CIELCh(79, 22.949, 115.956)	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, 22.949, 115.956)

Conversions

Conversions Part 1

Format	Color
Hex	C0C89D
RGB	192, 200, 157
RGB Percent	75%, 78%, 62%
CMY	0.2472, 0.2158, 0.3844
CMYK	0.04, 0.00, 0.22, 0.22
HSL	71°, 28%, 70%
HSV	71°, 22%, 78%
XYZ	48.4594, 54.9284, 39.9324
YIQ	192.7060, 9.0350, -15.0690

Conversions

Conversions Part 2

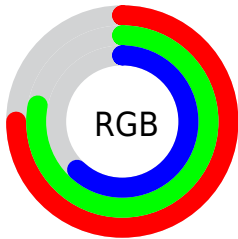
Format	Color
RYB	157, 200, 165
Decimal	12634269
CIELab	79.00, -10.04, 20.63
CIELCh	79, 22.949, 115.956
Yxy	54.9284, 0.3381, 0.3833
Android (android.graphics.Color)	4290824349 (0xFFC0C89D)
YUV	192.7060, -17.6031, -0.6192
Hunter-Lab	74.1137, -12.9864, 19.9342

Details

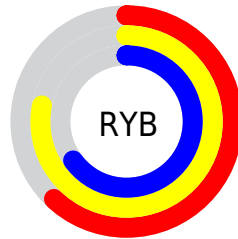
The CIELCh color **79, 22.949, 115.956** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 24.047, 299.175**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 21.861, 114.360**, and **59, 23.148, 115.919** is the 20% darker color. If you saturate the color by 10%, you get **78, 33.435, 115.258**, and if you desaturate by 10%, it is **80, 12.312, 116.665**.

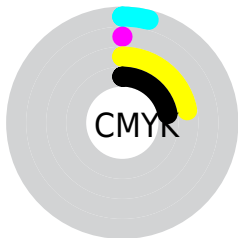
Distribution



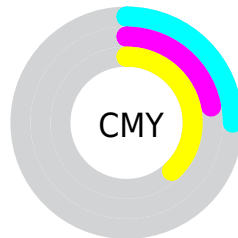
- Red (75%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)





- Cyan (25%)
- Magenta (22%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 22.949, 115.956 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, 22.949, 115.956 by changing the saturation by 10% instead.


 79, 22.949,
115.956

 79, 22.949,
115.956

 100, 22.949,
115.956


 69, 22.949,
115.956


 99, 22.949,
115.956

 59, 22.949,
115.956

 49, 22.949,
115.956

 39, 22.949,
115.956

 29, 22.949,
115.956

 19, 22.949,
115.956

 9, 22.949, 115.956

■ 0, 22.949, 115.956

■ 79, 22.949,
115.956

■ 79, 22.949,
115.956

■ 78, 33.435,
115.258

■ 80, 12.312,
116.665

■ 78, 43.641,
114.585

■ 80, 1.603, 117.361

■ 77, 53.376,
113.976

■ 81, 9.120, 298.025

■ 82, 19.816,
298.664

■ 77, 62.359,
113.483

■ 83, 29.433,
299.443

■ 76, 70.192,
113.176

■ 83, 29.608,
301.821

■ 76, 76.386,
113.143

■ 84, 29.831,

■ 76, 80.509,
113.467

304.187

■ 75, 82.570,
113.995

■ 84, 30.101,
306.533

■ 84, 30.420,
308.852

Harmonies

Complementary

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



79, 22.949, 115.956



67, 24.047, 299.175

Rectangle

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



79, 22.949, 115.956



79, 22.949, 165.956



79, 22.949, 295.956



79, 22.949, 345.956

Sweetspot

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



79, 22.951, 115.960



99, 7.824, 117.043



71, 14.667, 37.426



53, 5.190, 116.997



0, 0.000, 0.000



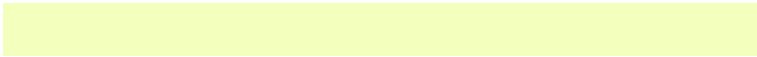
53, 0.007, 296.813

Same Dimension

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



79, 22.951, 115.960



98, 33.724, 115.616



77, 25.542, 134.236



42, 6.044, 116.814



63, 70.966, 113.844



13, 20.723, 116.810

Inverse Universe

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



67, 24.047, 299.175



80, 35.752, 299.641



69, 25.984, 316.109



39, 6.170, 298.141



20, 94.460, 307.205



2, 21.648, 296.641

Previews

White Background



This preview shows how the CIELCh color 79, 22.949, 115.956 looks on a white background.

Color Contrast Check

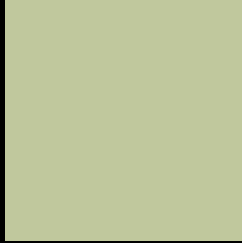
Large Text (above 18pt) WCAG AA × Fail

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, 22.949, 115.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

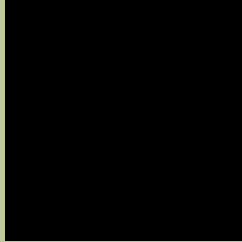
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

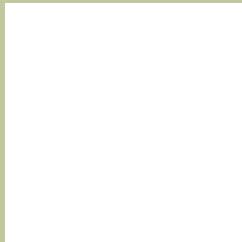
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 22.949, 115.956

Background



This preview shows how black text looks on a background with the CIELCh color 79, 22.949, 115.956.



This preview shows how white text looks on a background with the CIELCh color 79, 22.949, 115.956.

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, 22.949, 115.956

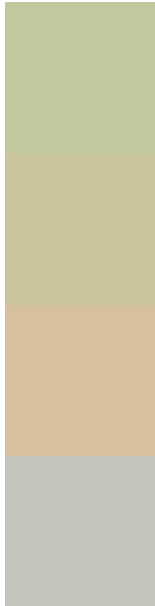
Protanopia
79, 21.851, 94.473

Deuteranopia
79, 22.195, 63.794



Tritanopia
79, 8.339, 305.850

Trichromacy



Original Color
79, 22.949, 115.956

Protanomaly
79, 21.796, 102.960

Deuteranomaly
79, 20.161, 82.656

Tritanomaly
79, 3.721, 109.822

Monochromacy



Original Color
79, 22.949, 115.956

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 8.599, 116.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 22.949, 115.956 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(192, 200, 157)` looks like.

```
.text, #text, p{  
    color:rgb(192, 200, 157)  
}
```

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(192, 200, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 200, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 22.949, 115.956 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(192, 200, 157) }
```

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

```
.border{ border-color:rgb(192, 200, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 200, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 200, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 200, 157);  
box-shadow:4px 4px 4px 4px rgb(192, 200,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 22.949, 115.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 200, 157) }
```

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

```
.background{ background-color: rgb(192,  
200, 157) }
```

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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