

Converting Colors

CIELCh(79, 23.448, 119.879)

Have a look what the booklet for
CIELCh(79, 23.448, 119.879)
contains.

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Color

CIELCh(79, 23.728, 119.456)

Conversions

Conversions Part 1

Format	Color
Hex	BDC99D
RGB	189, 201, 157
RGB Percent	74%, 79%, 62%
CMY	0.2594, 0.2124, 0.3849
CMYK	0.06, 0.00, 0.22, 0.21
HSL	76°, 29%, 70%
HSV	76°, 22%, 79%
XYZ	47.8707, 54.9284, 39.9102
YIQ	192.3960, 6.9720, -16.2280

Conversions

Conversions Part 2

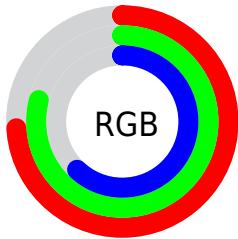
Format	Color
RYB	157, 201, 169
Decimal	12437917
CIELab	79.00, -11.67, 20.66
CIElCh	79, 23.728, 119.456
Yxy	54.9284, 0.3354, 0.3849
Android (android.graphics.Color)	4290627997 (0xFFBDC99D)
YUV	192.3960, -17.4502, -2.9783
Hunter-Lab	74.1137, -14.4042, 19.9520

Details

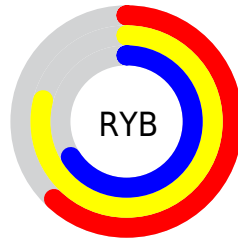
The CIELCh color **79, 23.728, 119.456** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 24.793, 302.258**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 22.015, 117.211**, and **59, 23.985, 119.614** is the 20% darker color. If you saturate the color by 10%, you get **78, 34.388, 118.850**, and if you desaturate by 10%, it is **80, 12.926, 120.071**.

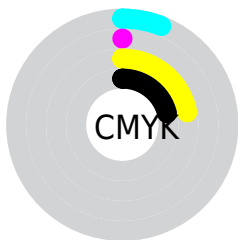
Distribution



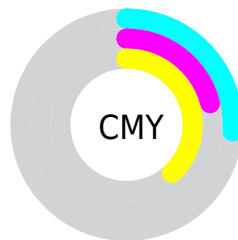
- Red (74%)
- Green (79%)
- Blue (62%)



- Red (62%)
- Yellow (79%)
- Blue (66%)



- Cyan (6%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)





- Cyan (26%)
- Magenta (21%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 23.728, 119.456 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, 23.728, 119.456 by changing the saturation by 10% instead.


 79, 23.728,
119.456

 79, 23.728,
119.456


 100, 23.728,
119.456


 69, 23.728,
119.456


 99, 23.728,
119.456

 59, 23.728,
119.456

 49, 23.728,
119.456

 39, 23.728,
119.456

 29, 23.728,
119.456

 19, 23.728,
119.456

 9, 23.728, 119.456

■ 0, 23.728, 119.456

■ 79, 23.728,
119.456

■ 79, 23.728,
119.456

■ 78, 34.388,
118.850

■ 80, 12.926,
120.071

■ 78, 44.771,
118.271

■ 81, 2.062, 120.684

■ 77, 54.686,
117.760

■ 82, 8.801, 301.233

■ 76, 63.850,
117.377

■ 83, 19.621,
301.777

■ 76, 71.863,
117.205

■ 84, 29.190,
302.632

■ 75, 78.241,
117.346

■ 84, 29.562,
306.159

■ 85, 30.040,

■ 75, 82.559,
117.902

309.626

■ 75, 84.744,
118.616

■ 85, 30.620,
313.011

■ 86, 31.300,
316.294

Harmonies

Complementary

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



79, 23.728, 119.456



67, 24.793, 302.258

Rectangle

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



79, 23.728, 119.456



79, 23.728, 169.456



79, 23.728, 299.456



79, 23.728, 349.456

Sweetspot

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



79, 23.730, 119.459



99, 9.224, 120.363



72, 14.408, 46.413



53, 5.994, 120.326



0, 0.000, 0.000



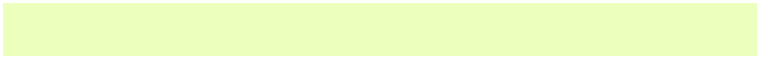
53, 0.007, 296.813

Same Dimension

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



79, 23.730, 119.459



97, 34.123, 119.186



77, 26.775, 136.752



42, 6.109, 120.225



62, 72.555, 118.411



12, 21.180, 121.405

Inverse Universe

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



67, 24.793, 302.258



80, 36.004, 302.615



69, 27.104, 318.749



39, 6.227, 301.355



21, 93.311, 308.070



2, 21.766, 298.891

Previews

White Background



This preview shows how the CIELCh color 79, 23.728, 119.456 looks on a white background.

Color Contrast Check

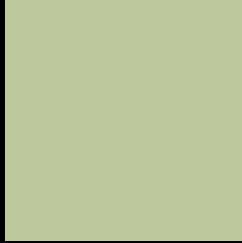
Large Text (above 18pt) WCAG AA × Fail

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, 23.728, 119.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

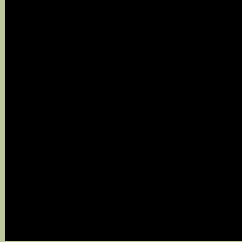
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

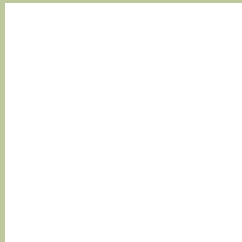
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 23.728, 119.456

Background



This preview shows how black text looks on a background with the CIELCh color 79, 23.728, 119.456.



This preview shows how white text looks on a background with the CIELCh color 79, 23.728, 119.456.

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, 23.728, 119.456

Protanopia
79, 22.365, 94.724

Deuteranopia
79, 21.800, 62.896



Tritanopia
79, 8.065, 295.980

Trichromacy



Original Color
79, 23.728, 119.456

Protanomaly
79, 22.288, 104.045

Deuteranomaly
79, 19.791, 84.762

Tritanomaly
79, 3.390, 128.971

Monochromacy



Original Color
79, 23.728, 119.456

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.670, 119.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 23.728, 119.456 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, 201, 157)` looks like.

```
.text, #text, p{  
    color:rgb(189, 201, 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(189, 201, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 201, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 23.728, 119.456 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, 201, 157) }
```

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

```
.border{ border-color:rgb(189, 201, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 201, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 201, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 201, 157);  
box-shadow:4px 4px 4px 4px rgb(189, 201,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 23.728, 119.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 201, 157) }
```

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

```
.background{ background-color: rgb(189,  
201, 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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