

Converting Colors

CIELCh(78, 15.619, 110.445)

Have a look what the booklet for
CIELCh(78, 15.619, 110.445)
contains.

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Color

CIELCh(78, 15.429, 110.189)

Conversions

Conversions Part 1

Format	Color
Hex	C2C3A6
RGB	194, 195, 166
RGB Percent	76%, 76%, 65%
CMY	0.2395, 0.2355, 0.3493
CMYK	0.01, 0.00, 0.15, 0.24
HSL	62°, 19%, 71%
HSV	62°, 15%, 76%
XYZ	48.6085, 53.2120, 43.7545
YIQ	191.3950, 8.7130, -9.2310

Conversions

Conversions Part 2

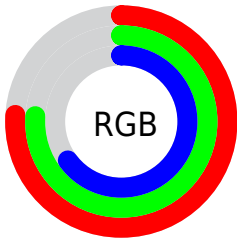
Format	Color
RYB	166, 195, 167
Decimal	12764070
CIELab	78.00, -5.32, 14.48
CIELCh	78, 15.429, 110.189
Yxy	53.2120, 0.3339, 0.3655
Android (android.graphics.Color)	4290954150 (0xFFC2C3A6)
YUV	191.3950, -12.5197, 2.2846
Hunter-Lab	72.9466, -8.7117, 15.4995

Details

The CIELCh color **78, 15.429, 110.189** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 15.961, 293.042**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 15.725, 110.313**, and **58, 15.232, 109.951** is the 20% darker color. If you saturate the color by 10%, you get **78, 25.696, 109.284**, and if you desaturate by 10%, it is **79, 5.064, 111.095**.

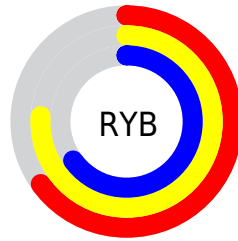
Distribution



Red (76%)

Green (76%)

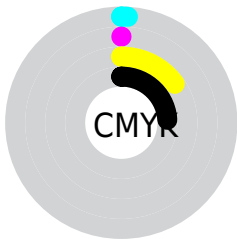
Blue (65%)



Red (65%)

Yellow (76%)

Blue (65%)

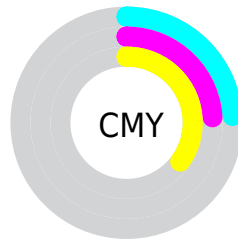


Cyan (1%)

Magenta (0%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (24%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 15.429, 110.189 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 78, 15.429, 110.189 by changing the saturation by 10% instead.


 78, 15.429,
110.189


 78, 15.429,
110.189


 100, 15.429,
110.189


 68, 15.429,
110.189


 98, 15.429,
110.189

 58, 15.429,
110.189

 48, 15.429,
110.189

 38, 15.429,
110.189

 28, 15.429,
110.189

 18, 15.429,
110.189

 8, 15.429, 110.189

■ 0, 15.429, 110.189

■ 78, 15.429,
110.189

■ 78, 15.429,
110.189

■ 78, 25.696,
109.284

■ 79, 5.064, 111.095

■ 79, 5.343, 292.004

■ 77, 35.769,
108.384

■ 80, 15.750,
292.861

■ 77, 45.506,
107.519

■ 80, 26.130,
293.690

■ 77, 54.689,
106.719

■ 81, 32.016,
294.312

■ 76, 62.996,
106.021

■ 81, 32.024,
294.700

■ 76, 69.992,
105.472

■ 81, 32.034,

■ 76, 75.189,
105.122

295.088

■ 76, 78.239,
105.005

■ 81, 32.045,
295.477

■ 76, 79.256,
105.002

■ 81, 32.057,
295.866

Harmonies

Complementary

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



78, 15.429, 110.189



69, 15.961, 293.042

Rectangle

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



78, 15.429, 110.189



78, 15.429, 160.189



78, 15.429, 290.189



78, 15.429, 340.189

Sweetspot

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



78, 15.431, 110.195



99, 5.122, 111.167



71, 10.923, 23.064



53, 3.671, 111.100



0, 0.000, 0.000



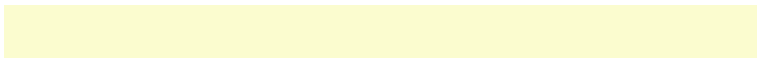
53, 0.007, 296.813

Same Dimension

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



78, 15.431, 110.195



98, 23.005, 109.885



77, 16.605, 129.581



41, 5.859, 110.694



64, 68.667, 104.972



12, 18.640, 108.842

Inverse Universe

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



69, 15.961, 293.042



85, 23.985, 293.438



70, 16.920, 310.874



37, 5.988, 292.447



18, 94.536, 306.408



1, 19.489, 292.072

Previews

White Background



This preview shows how the CIELCh color 78, 15.429, 110.189 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 78, 15.429, 110.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

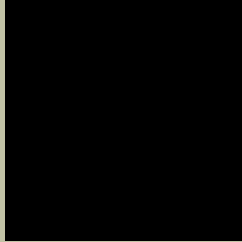
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

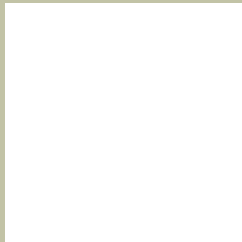
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 15.429, 110.189

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.429, 110.189.



This preview shows how white text looks on a background with the CIELCh color 78, 15.429, 110.189.

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


78, 15.429, 110.189

Protanopia

78, 15.017, 92.166

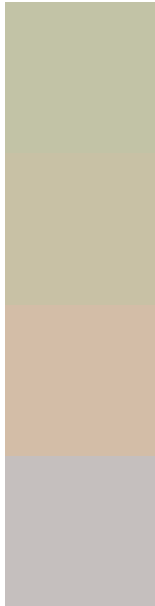
Deuteranopia

78, 16.592, 55.338



Tritanopia
78, 8.866, 314.952

Trichromacy



Original Color
78, 15.429, 110.189

Protanomaly
78, 15.152, 98.395

Deuteranomaly
78, 14.616, 72.832

Tritanomaly
78, 2.285, 32.855

Monochromacy



Original Color
78, 15.429, 110.189

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 5.339, 109.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 15.429, 110.189 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, 195, 166)` looks like.

```
.text, #text, p{  
    color:rgb(194, 195, 166)  
}
```

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, 195, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 195, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.429, 110.189 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, 195, 166) }
```

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

```
.border{ border-color:rgb(194, 195, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 195, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 195, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 195, 166);  
box-shadow:4px 4px 4px 4px rgb(194, 195,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.429, 110.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 195, 166) }
```

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

```
.background{ background-color: rgb(194,  
195, 166) }
```

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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