

Converting Colors

CIELCh(78, 67.992, 103.925)

Have a look what the booklet for
CIELCh(78, 67.992, 103.925)
contains.

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Color

CIELCh(78, 68.096, 103.924)

Conversions

Conversions Part 1

Format	Color
Hex	C7C73B
RGB	199, 199, 59
RGB Percent	78%, 78%, 23%
CMY	0.2202, 0.2202, 0.7692
CMYK	0.00, 0.00, 0.70, 0.22
HSL	60°, 55%, 51%
HSV	60°, 70%, 78%
XYZ	44.6849, 53.2120, 12.0318
YIQ	183.0400, 44.9400, -43.5400

Conversions

Conversions Part 2

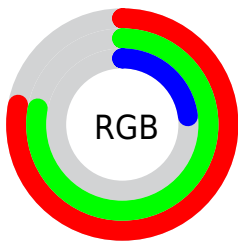
Format	Color
RYB	59, 199, 59
Decimal	13092667
CIELab	78.00, -16.39, 66.10
CIELCh	78, 68.096, 103.924
Yxy	53.2120, 0.4065, 0.4841
Android (android.graphics.Color)	4291282747 (0xFFC7C73B)
YUV	183.0400, -61.1517, 13.9969
Hunter-Lab	72.9466, -18.3127, 41.2833

Details

The CIELCh color **78, 68.096, 103.924** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **34, 85.198, 301.864**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 67.886, 104.985**, and **58, 63.678, 104.527** is the 20% darker color. If you saturate the color by 10%, you get **78, 74.221, 103.387**, and if you desaturate by 10%, it is **78, 60.350, 104.621**.

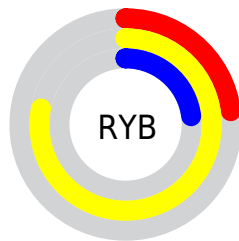
Distribution



Red (78%)

Green (78%)

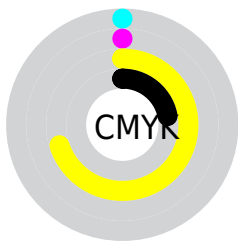
Blue (23%)



Red (23%)

Yellow (78%)

Blue (23%)

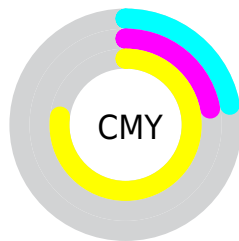


Cyan (0%)

Magenta (0%)

Yellow (70%)

Black (22%)



Cyan (22%)


Magenta (22%)

Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 68.096, 103.924 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, 68.096, 103.924 by changing the saturation by 10% instead.


 78, 68.096,
103.924

 78, 68.096,
103.924

 100, 68.096,
103.924


 68, 68.096,
103.924


 98, 68.096,
103.924

 58, 68.096,
103.924

 48, 68.096,
103.924

 38, 68.096,
103.924

 28, 68.096,
103.924

 18, 68.096,
103.924

 8, 68.096, 103.924

0, 68.096, 103.924

78, 68.096,
103.924

78, 68.096,
103.924

78, 74.221,
103.387

78, 60.350,
104.621

78, 78.275,
103.037

78, 51.472,
105.432

78, 80.361,
102.859

79, 41.860,
106.321

79, 31.793,
107.258

79, 21.459,
108.218

80, 10.976,
109.182

■ 80, 0.422, 109.992

■ 81, 10.153,
291.086

■ 81, 20.715,
291.988

Harmonies

Complementary

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



78, 68.096, 103.924



34, 85.198, 301.864

Rectangle

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



78, 68.096, 103.924



78, 68.096, 153.924



78, 68.096, 283.924



78, 68.096, 333.924

Sweetspot

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



78, 68.096, 103.926



99, 27.010, 108.131



46, 63.974, 30.520



53, 18.257, 107.861



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, 68.096, 103.926



97, 92.202, 103.193



73, 74.415, 126.306



42, 5.982, 109.280



65, 69.399, 102.859



13, 20.289, 105.983

Inverse Universe

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



34, 85.198, 301.864



36, 122.725, 304.727



41, 82.776, 312.443



38, 6.114, 291.149



19, 95.828, 306.288



1, 21.510, 291.749

Previews

White Background



This preview shows how the CIELCh color 78, 68.096, 103.924 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 78, 68.096, 103.924 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, 68.096, 103.924

Background



This preview shows how black text looks on a background with the CIELCh color 78, 68.096, 103.924.



This preview shows how white text looks on a background with the CIELCh color 78, 68.096, 103.924.

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, 68.096, 103.924

Protanopia

78, 67.441, 95.272

Deuteranopia

78, 65.716, 81.223



Tritanopia
78, 11.909, 341.463

Trichromacy



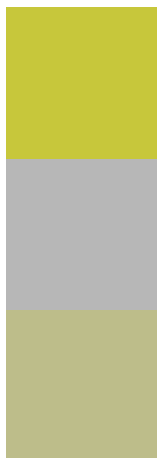
Original Color
78, 68.096, 103.924

Protanomaly
78, 67.326, 98.320

Deuteranomaly
78, 65.204, 89.630

Tritanomaly
78, 23.286, 91.982

Monochromacy



Original Color
78, 68.096, 103.924

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 27.134, 107.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 68.096, 103.924 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(199, 199, 59)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 59)  
}
```

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(199, 199, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 68.096, 103.924 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(199, 199, 59) }
```

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

```
.border{ border-color:rgb(199, 199, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 59);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 68.096, 103.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 59) }
```

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

```
.background{ background-color: rgb(199,  
199, 59) }
```

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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