

Converting Colors

CIELCh(79, 76.163, 102.945)

Have a look what the booklet for
CIELCh(79, 76.163, 102.945)
contains.

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Color

CIELCh(79, 76.263, 102.953)

Conversions

Conversions Part 1

Format	Color
Hex	CBCA23
RGB	203, 202, 35
RGB Percent	80%, 79%, 14%
CMY	0.2048, 0.2086, 0.8639
CMYK	0.00, 0.00, 0.83, 0.20
HSL	60°, 71%, 47%
HSV	60°, 83%, 80%
XYZ	45.9385, 54.9284, 9.7479
YIQ	183.2610, 54.2030, -51.7250

Conversions

Conversions Part 2

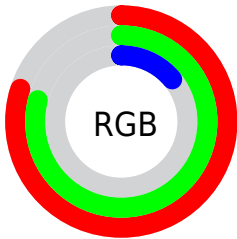
Format	Color
R_{YB}	36, 203, 35
Decimal	13355555
CIE _{Lab}	79.00, -17.09, 74.32
CIE _{LCh}	79, 76.263, 102.953
Yxy	54.9284, 0.4153, 0.4966
Android (android.graphics.Color)	4291545635 (0xFFCBCA23)
YUV	183.2610, -73.0927, 17.3111
Hunter-Lab	74.1137, -19.0579, 44.0814

Details

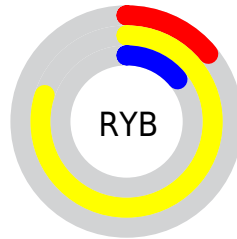
The CIELCh color **79, 76.263, 102.953** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **29, 100.653, 304.233**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 74.840, 104.461**, and **59, 64.620, 104.086** is the 20% darker color. If you saturate the color by 10%, you get **79, 79.780, 102.628**, and if you desaturate by 10%, it is **79, 70.558, 103.470**.

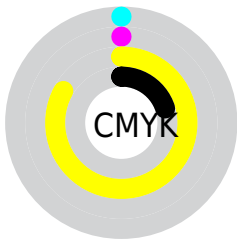
Distribution



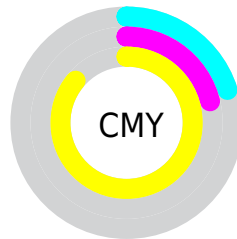
- Red (80%)
- Green (79%)
- Blue (14%)



- Red (14%)
- Yellow (80%)
- Blue (14%)



- Cyan (0%)
- Magenta (0%)
- Yellow (83%)
- Black (20%)





- Cyan (20%)
- Magenta (21%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 76.263, 102.953 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, 76.263, 102.953 by changing the saturation by 10% instead.


 79, 76.263,
102.953


 79, 76.263,
102.953


 100, 76.263,
102.953


 69, 76.263,
102.953


 99, 76.263,
102.953

 59, 76.263,
102.953

 49, 76.263,
102.953

 39, 76.263,
102.953

 29, 76.263,
102.953

 19, 76.263,
102.953

 9, 76.263, 102.953

■ 0, 76.263, 102.953

■ 79, 76.263,
102.953

■ 79, 76.263,
102.953

■ 79, 79.780,
102.628

■ 79, 70.558,
103.470

■ 79, 81.187,
102.486

■ 79, 63.078,
104.147

■ 80, 54.336,
104.946

■ 80, 44.764,
105.830

■ 80, 34.677,
106.766

■ 80, 24.283,
107.731

■ 81, 13.718,
108.702

■ 81, 3.068, 109.651

■ 82, 7.611, 290.628

Harmonies

Complementary

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



79, 76.263, 102.953



29, 100.653, 304.233

Rectangle

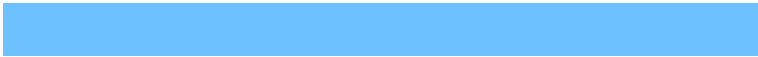
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 76.263, 102.953



79, 76.263, 152.953



79, 76.263, 282.953



79, 76.263, 332.953

Sweetspot

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



79, 76.263, 102.955



99, 31.913, 107.493



44, 75.912, 33.984



52, 21.726, 107.149



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, 76.263, 102.955



97, 96.311, 102.497



74, 84.140, 126.042



43, 6.073, 109.038



66, 69.895, 102.492



14, 21.775, 105.082

Inverse Universe

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



29, 100.653, 304.233



33, 133.155, 306.180



36, 95.835, 312.137



39, 6.206, 290.921



19, 96.646, 306.207



1, 23.437, 292.308

Previews

White Background



This preview shows how the CIELCh color 79, 76.263, 102.953 looks on a white background.

Color Contrast Check

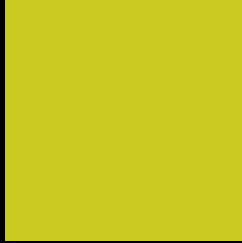
Large Text (above 18pt) WCAG AA × Fail

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, 76.263, 102.953 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, 76.263, 102.953

Background



This preview shows how black text looks on a background with the CIELCh color 79, 76.263, 102.953.

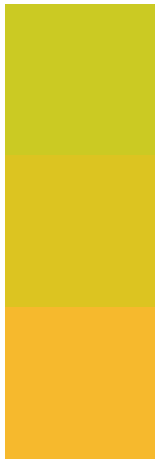


This preview shows how white text looks on a background with the CIELCh color 79, 76.263, 102.953.

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, 76.263, 102.953

Protanopia
79, 75.564, 95.177

Deuteranopia
79, 73.677, 81.907



Tritanopia
79, 13.077, 342.809

Trichromacy



Original Color
79, 76.263, 102.953

Protanomaly
79, 75.525, 97.914

Deuteranomaly
79, 73.344, 89.781

Tritanomaly
78, 28.050, 92.460

Monochromacy



Original Color
79, 76.263, 102.953

Achromatopsia
74, 0.009, 296.813

Achromatomaly
76, 32.308, 107.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 76.263, 102.953 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(203, 202, 35)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 35)  
}
```

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(203, 202, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 76.263, 102.953 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(203, 202, 35) }
```

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

```
.border{ border-color:rgb(203, 202, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 202, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 35);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 76.263, 102.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 35) }
```

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

```
.background{ background-color: rgb(203,  
202, 35) }
```

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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