

Converting Colors

CIELCh(79, 66.788, 104.094)

Have a look what the booklet for
CIELCh(79, 66.788, 104.094)
contains.

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Color

CIELCh(79, 67.062, 104.083)

Conversions

Conversions Part 1

Format	Color
Hex	CACA41
RGB	202, 202, 65
RGB Percent	79%, 79%, 25%
CMY	0.2095, 0.2094, 0.7467
CMYK	0.00, 0.00, 0.68, 0.21
HSL	60°, 56%, 52%
HSV	60°, 68%, 79%
XYZ	46.2117, 54.9284, 13.1050
YIQ	186.3820, 43.9770, -42.6070

Conversions

Conversions Part 2

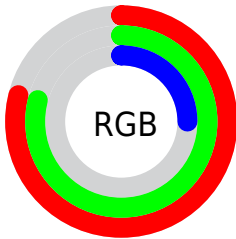
Format	Color
RYB	65, 202, 65
Decimal	13290049
CIELab	79.00, -16.32, 65.05
CIELCh	79, 67.062, 104.083
Yxy	54.9284, 0.4045, 0.4808
Android (android.graphics.Color)	4291480129 (0xFFCACA41)
YUV	186.3820, -59.8413, 13.6970
Hunter-Lab	74.1137, -18.3998, 41.3957

Details

The CIELCh color **79, 67.062, 104.083** 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 **36, 83.013, 301.343**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 65.737, 105.148**, and **59, 64.636, 104.497** is the 20% darker color. If you saturate the color by 10%, you get **79, 73.693, 103.506**, and if you desaturate by 10%, it is **79, 58.913, 104.812**.

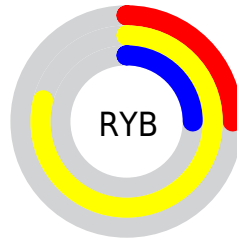
Distribution



Red (79%)

Green (79%)

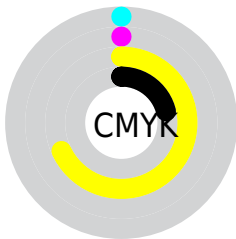
Blue (25%)



Red (25%)

Yellow (79%)

Blue (25%)

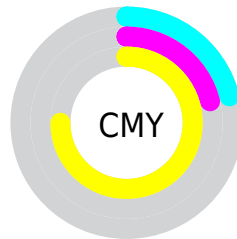


Cyan (0%)

Magenta (0%)

Yellow (68%)

Black (21%)



Cyan (21%)


Magenta (21%)


Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 67.062, 104.083 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, 67.062, 104.083 by changing the saturation by 10% instead.


 79, 67.062,
104.083

 79, 67.062,
104.083


 100, 67.062,
104.083


 69, 67.062,
104.083

 99, 67.062,
104.083

 59, 67.062,
104.083

 49, 67.062,
104.083

 39, 67.062,
104.083

 29, 67.062,
104.083

 19, 67.062,
104.083

 9, 67.062, 104.083

■ 0, 67.062, 104.083

■ 79, 67.062,
104.083

■ 79, 67.062,
104.083

■ 79, 73.693,
103.506

■ 79, 58.913,
104.812

■ 79, 78.319,
103.109

■ 79, 49.725,
105.645

■ 79, 80.793,
102.899

■ 80, 39.873,
106.549

■ 79, 81.191,
102.866

■ 80, 29.613,
107.494

■ 80, 19.117,
108.458

■ 81, 8.493, 109.419

■ 81, 2.189, 290.409

■ 82, 12.882,
291.314

■ 82, 23.555,
292.210

Harmonies

Complementary

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



79, 67.062, 104.083



36, 83.013, 301.343

Rectangle

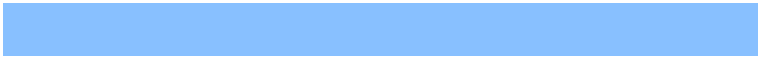
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 67.062, 104.083



79, 67.062, 154.083



79, 67.062, 284.083



79, 67.062, 334.083

Sweetspot

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



79, 67.062, 104.085



99, 25.735, 108.234



48, 62.277, 29.757



53, 17.535, 107.959



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, 67.062, 104.085



97, 91.144, 103.276



74, 73.171, 126.311



43, 6.108, 109.282



66, 70.197, 102.866



15, 21.914, 105.395

Inverse Universe

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



36, 83.013, 301.343



37, 120.415, 304.399



43, 81.099, 312.376



39, 6.244, 291.156



19, 96.928, 306.288



1, 23.534, 292.452

Previews

White Background



This preview shows how the CIELCh color 79, 67.062, 104.083 looks on a white background.

Color Contrast Check

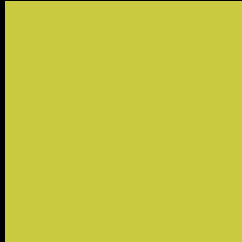
Large Text (above 18pt) WCAG AA × Fail

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, 67.062, 104.083 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, 67.062, 104.083

Background



This preview shows how black text looks on a background with the CIELCh color 79, 67.062, 104.083.



This preview shows how white text looks on a background with the CIELCh color 79, 67.062, 104.083.

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, 67.062, 104.083

Protanopia
79, 66.406, 95.344

Deuteranopia
79, 64.894, 81.179



Tritanopia
79, 12.501, 340.647

Trichromacy



Original Color
79, 67.062, 104.083

Protanomaly
79, 66.284, 98.422

Deuteranomaly
79, 64.433, 89.664

Tritanomaly
78, 22.222, 91.410

Monochromacy



Original Color
79, 67.062, 104.083

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 26.538, 107.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 67.062, 104.083 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(202, 202, 65)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 65)  
}
```

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(202, 202, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 67.062, 104.083 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(202, 202, 65) }
```

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

```
.border{ border-color:rgb(202, 202, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 202, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 202, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 202, 65);  
box-shadow:4px 4px 4px 4px rgb(202, 202,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 67.062, 104.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 65) }
```

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

```
.background{ background-color: rgb(202,  
202, 65) }
```

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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