

Converting Colors

CIELCh(78, 64.609, 103.325)

Have a look what the booklet for
CIELCh(78, 64.609, 103.325)
contains.

CIELCh(78, 64.374, 103.463)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 64.374, 103.463)

Conversions

Conversions Part 1

Format	Color
Hex	C8C644
RGB	200, 198, 68
RGB Percent	78%, 78%, 27%
CMY	0.2148, 0.2227, 0.7325
CMYK	0.00, 0.01, 0.66, 0.21
HSL	59°, 55%, 53%
HSV	59°, 66%, 79%
XYZ	45.1690, 53.2120, 13.3927
YIQ	183.7780, 42.9220, -40.0060

Conversions

Conversions Part 2

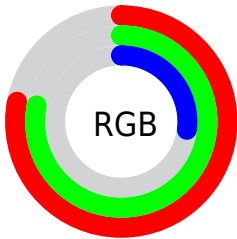
Format	Color
RYB	70, 200, 68
Decimal	13157956
CIELab	78.00, -14.99, 62.61
CIELCh	78, 64.374, 103.463
Yxy	53.2120, 0.4041, 0.4761
Android (android.graphics.Color)	4291348036 (0xFFC8C644)
YUV	183.7780, -57.0786, 14.2267
Hunter-Lab	72.9466, -17.1281, 40.1772

Details

The CIELCh color **78, 64.374, 103.463** 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 **38, 78.656, 300.403**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 64.428, 105.247**, and **58, 63.321, 103.274** is the 20% darker color. If you saturate the color by 10%, you get **78, 71.281, 102.805**, and if you desaturate by 10%, it is **78, 56.084, 104.254**.

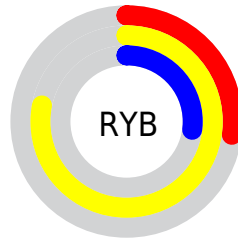
Distribution



Red (78%)

Green (78%)

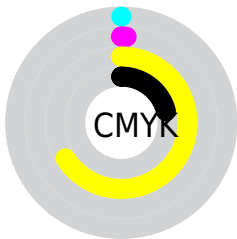
Blue (27%)



Red (27%)

Yellow (78%)

Blue (27%)

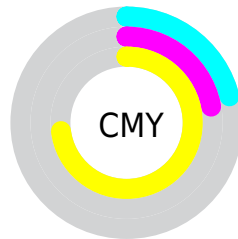


Cyan (0%)

Magenta (1%)

Yellow (66%)

Black (21%)



Cyan (21%)

Magenta (22%)

Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 64.374, 103.463 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, 64.374, 103.463 by changing the saturation by 10% instead.


 78, 64.374,
103.463


 78, 64.374,
103.463


 100, 64.374,
103.463

 68, 64.374,
103.463


 98, 64.374,
103.463

 58, 64.374,
103.463

 48, 64.374,
103.463

 38, 64.374,
103.463

 28, 64.374,
103.463

 18, 64.374,
103.463

 8, 64.374, 103.463

0, 64.374, 103.463

78, 64.374,
103.463

78, 64.374,
103.463

78, 71.281,
102.805

78, 56.084,
104.254

78, 76.295,
102.307

79, 46.873,
105.133

78, 79.087,
101.988

79, 37.085,
106.070

77, 79.859,
101.888

79, 26.951,
107.039

80, 16.623,
108.018

80, 6.195, 108.987

■ 81, 4.270, 289.974

■ 82, 14.734,
290.895

■ 82, 25.168,
291.793

Harmonies

Complementary

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



78, 64.374, 103.463



38, 78.656, 300.403

Rectangle

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



78, 64.374, 103.463



78, 64.374, 153.463



78, 64.374, 283.463



78, 64.374, 333.463

Sweetspot

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



78, 64.374, 103.465



99, 25.361, 107.591



48, 59.420, 28.006



53, 17.282, 107.312



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, 64.374, 103.465



96, 88.356, 102.574



74, 70.664, 125.738



42, 5.892, 108.656



64, 68.626, 101.902



13, 19.939, 105.186

Inverse Universe

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



38, 78.656, 300.403



39, 115.148, 303.487



43, 78.458, 311.842



38, 6.019, 290.547



19, 95.086, 306.074



1, 21.278, 291.366

Previews

White Background



This preview shows how the CIELCh color 78, 64.374, 103.463 looks on a white background.

Color Contrast Check

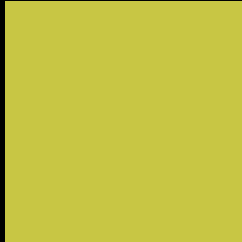
Large Text (above 18pt) WCAG AA × Fail

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, 64.374, 103.463 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, 64.374, 103.463

Background



This preview shows how black text looks on a background with the CIELCh color 78, 64.374, 103.463.



This preview shows how white text looks on a background with the CIELCh color 78, 64.374, 103.463.

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, 64.374, 103.463

Protanopia

78, 63.653, 95.540

Deuteranopia

78, 62.410, 80.792



Tritanopia
78, 12.823, 341.765

Trichromacy



Original Color
78, 64.374, 103.463

Protanomaly
78, 63.978, 98.355

Deuteranomaly
78, 62.093, 89.245

Tritanomaly
78, 21.537, 88.639

Monochromacy



Original Color
78, 64.374, 103.463

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 25.038, 106.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 64.374, 103.463 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(200, 198, 68)` looks like.

```
.text, #text, p{  
    color:rgb(200, 198, 68)  
}
```

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(200, 198, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 198, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 64.374, 103.463 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(200, 198, 68) }
```

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

```
.border{ border-color:rgb(200, 198, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 198, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 198, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 198, 68);  
box-shadow:4px 4px 4px 4px rgb(200, 198,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 64.374, 103.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 198, 68) }
```

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

```
.background{ background-color: rgb(200,  
198, 68) }
```

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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