

Converting Colors

CIELCh(74, 63.213, 101.376)

Have a look what the booklet for
CIELCh(74, 63.213, 101.376)
contains.

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Color

CIELCh(74, 63.209, 101.278)

Conversions

Conversions Part 1

Format	Color
Hex	C1BA3B
RGB	193, 186, 59
RGB Percent	76%, 73%, 23%
CMY	0.2436, 0.2710, 0.7691
CMYK	0.00, 0.04, 0.69, 0.24
HSL	57°, 53%, 49%
HSV	57°, 69%, 76%
XYZ	40.2808, 46.7039, 11.0127
YIQ	173.6150, 44.9390, -38.0130

Conversions

Conversions Part 2

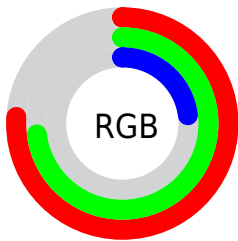
Format	Color
RYB	66, 193, 59
Decimal	12696123
CIELab	74.00, -12.36, 61.99
CIELCh	74, 63.209, 101.278
Yxy	46.7039, 0.4110, 0.4766
Android (android.graphics.Color)	4290886203 (0xFFC1BA3B)
YUV	173.6150, -56.5052, 17.0006
Hunter-Lab	68.3403, -14.3848, 38.2839

Details

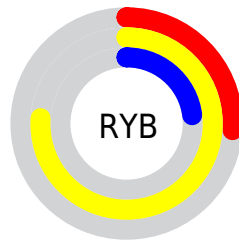
The CIELCh color **74, 63.209, 101.278** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **35, 77.588, 299.968**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 63.140, 101.418**, and **54, 59.777, 101.486** is the 20% darker color. If you saturate the color by 10%, you get **74, 69.277, 100.543**, and if you desaturate by 10%, it is **74, 55.684, 102.128**.

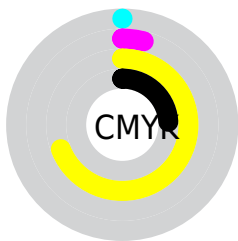
Distribution



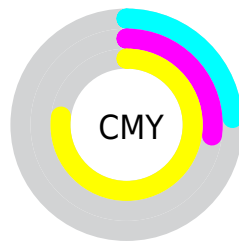
- Red (76%)
- Green (73%)
- Blue (23%)



- Red (26%)
- Yellow (76%)
- Blue (23%)



- Cyan (0%)
- Magenta (4%)
- Yellow (69%)
- Black (24%)





- Cyan (24%)
- Magenta (27%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 63.209, 101.278 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 74, 63.209, 101.278 by changing the saturation by 10% instead.


 74, 63.209,
101.278

 74, 63.209,
101.278


 100, 63.209,
101.278


 64, 63.209,
101.278


 94, 63.209,
101.278

 54, 63.209,
101.278

 44, 63.209,
101.278

 34, 63.209,
101.278

 24, 63.209,
101.278

 14, 63.209,
101.278

 4, 63.209, 101.278

0, 63.209, 101.278

74, 63.209,
101.278

74, 63.209,
101.278

74, 69.277,
100.543

74, 55.684,
102.128

73, 73.381, 99.938

75, 47.188,
103.055

73, 75.512, 99.453

75, 38.090,
104.033

73, 75.611, 99.429

76, 28.638,
105.040

77, 18.991,
106.055

77, 9.249, 107.061

■ 78, 0.526, 288.221

■ 79, 10.294,
289.037

■ 80, 20.030,
289.965

Harmonies

Complementary

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



74, 63.209, 101.278



35, 77.588, 299.968

Rectangle

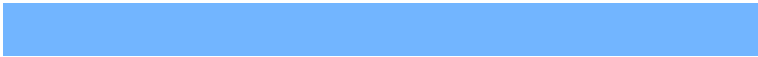
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 63.209, 101.278



74, 63.209, 151.278



74, 63.209, 281.278



74, 63.209, 331.278

Sweetspot

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



74, 63.209, 101.280



96, 25.264, 105.867



45, 59.522, 25.633



51, 17.081, 105.584



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 63.209, 101.280



93, 86.911, 100.233



72, 70.532, 123.874



41, 5.557, 107.071



62, 66.066, 99.477



11, 17.471, 103.852

Inverse Universe

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



35, 77.588, 299.968



38, 114.700, 303.340



39, 80.024, 310.621



38, 5.667, 289.012



19, 92.215, 305.547



1, 18.753, 289.730

Previews

White Background



This preview shows how the CIELCh color 74, 63.209, 101.278 looks on a white background.

Color Contrast Check

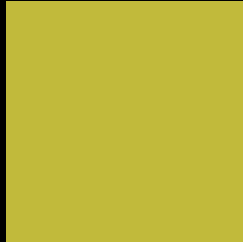
Large Text (above 18pt) WCAG AA × Fail

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 74, 63.209, 101.278 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 74, 63.209, 101.278

Background



This preview shows how black text looks on a background with the CIELCh color 74, 63.209, 101.278.



This preview shows how white text looks on a background with the CIELCh color 74, 63.209, 101.278.

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

74, 63.209, 101.278

Protanopia

74, 62.833, 95.128

Deuteranopia

74, 61.661, 81.319



Tritanopia
74, 13.283, 348.713

Trichromacy



Original Color
74, 63.209, 101.278

Protanomaly
74, 62.860, 97.183

Deuteranomaly
74, 61.412, 88.676

Tritanomaly
74, 22.445, 84.473

Monochromacy



Original Color
74, 63.209, 101.278

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 24.777, 105.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 63.209, 101.278 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(193, 186, 59)` looks like.

```
.text, #text, p{  
    color:rgb(193, 186, 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(193, 186, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 186, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 63.209, 101.278 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(193, 186, 59) }
```

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

```
.border{ border-color:rgb(193, 186, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 186, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 186, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 186, 59);  
box-shadow:4px 4px 4px 4px rgb(193, 186,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 63.209, 101.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 186, 59) }
```

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

```
.background{ background-color: rgb(193,  
186, 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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