

Converting Colors

CIELCh(75, 61.840, 103.530)

Have a look what the booklet for
CIELCh(75, 61.840, 103.530)
contains.

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Color

CIELCh(75, 61.993, 103.468)

Conversions

Conversions Part 1

Format	Color
Hex	C0BE42
RGB	192, 190, 66
RGB Percent	75%, 75%, 26%
CMY	0.2481, 0.2559, 0.7422
CMYK	0.00, 0.01, 0.66, 0.25
HSL	59°, 50%, 50%
HSV	59°, 66%, 75%
XYZ	41.0039, 48.2781, 12.2720
YIQ	176.4620, 40.9960, -38.1400

Conversions

Conversions Part 2

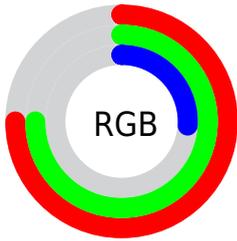
Format	Color
RYB	68, 192, 66
Decimal	12631618
CIELab	75.00, -14.44, 60.29
CIELCh	75, 61.993, 103.468
Yxy	48.2781, 0.4038, 0.4754
Android (android.graphics.Color)	4290821698 (0xFFC0BE42)
YUV	176.4620, -54.4578, 13.6268
Hunter-Lab	69.4824, -16.2556, 38.1659

Details

The CIELCh color **75, 61.993, 103.468** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **36, 75.597, 300.293**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 62.041, 103.412**, and **55, 61.076, 103.735** is the 20% darker color. If you saturate the color by 10%, you get **75, 68.727, 102.804**, and if you desaturate by 10%, it is **75, 53.949, 104.262**.

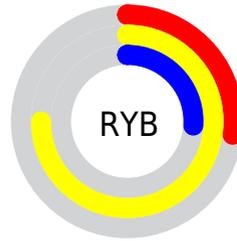
Distribution



Red (75%)

Green (75%)

Blue (26%)



Red (27%)

Yellow (75%)

Blue (26%)

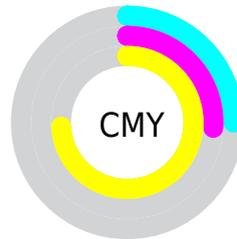


Cyan (0%)

Magenta (1%)

Yellow (66%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 61.993, 103.468 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 75, 61.993, 103.468 by changing the saturation by 10% instead.

 75, 61.993,
103.468

 75, 61.993,
103.468

 100, 61.993,
103.468

 65, 61.993,
103.468

 95, 61.993,
103.468

 55, 61.993,
103.468

 45, 61.993,
103.468

 35, 61.993,
103.468

 25, 61.993,
103.468

 15, 61.993,
103.468

 5, 61.993, 103.468

0, 61.993, 103.468

75, 61.993,
103.468

75, 61.993,
103.468

75, 68.727,
102.804

75, 53.949,
104.262

75, 73.659,
102.297

76, 45.034,
105.142

75, 76.459,
101.969

76, 35.574,
106.079

74, 77.291,
101.858

76, 25.787,
107.046

77, 15.817,
108.023

77, 5.754, 108.989

■ 78, 4.344, 289.973

■ 78, 14.440,
290.892

■ 79, 24.506,
291.787

Harmonies

Complementary

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



75, 61.993, 103.468



36, 75.597, 300.293

Rectangle

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



75, 61.993, 103.468



75, 61.993, 153.468



75, 61.993, 283.468



75, 61.993, 333.468

Sweetspot

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



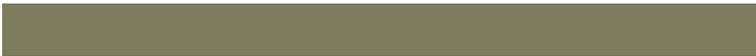
75, 61.993, 103.470



97, 24.937, 107.572



46, 57.139, 27.880



52, 16.990, 107.295



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



75, 61.993, 103.470



95, 86.928, 102.551



71, 68.063, 125.743



41, 5.765, 108.638



63, 67.811, 101.871



12, 18.268, 105.896

Inverse Universe

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



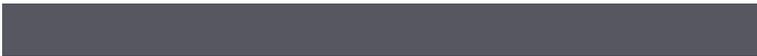
36, 75.597, 300.293



39, 113.238, 303.458



41, 75.518, 311.826



37, 5.888, 290.524



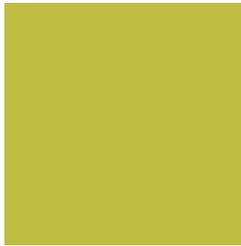
18, 93.952, 306.063



1, 19.259, 290.723

Previews

White Background



This preview shows how the CIELCh color 75, 61.993, 103.468 looks on a white background.

Color Contrast Check

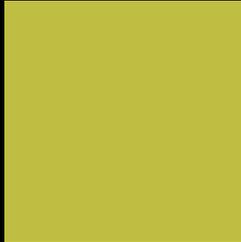
Large Text (above 18pt) WCAG AA × Fail

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 75, 61.993, 103.468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

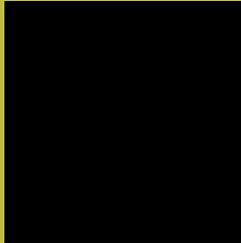
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 61.993, 103.468

Background



This preview shows how black text looks on a background with the CIELCh color 75, 61.993, 103.468.



This preview shows how white text looks on a background with the CIELCh color 75, 61.993, 103.468.

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

75, 61.993, 103.468

Protanopia

75, 61.614, 95.599

Deuteranopia

75, 59.818, 80.499



Tritanopia
75, 11.680, 343.575

Trichromacy



Original Color
75, 61.993, 103.468

Protanomaly
75, 61.556, 98.532

Deuteranomaly
75, 59.246, 88.880

Tritanomaly
75, 21.066, 89.146

Monochromacy



Original Color
75, 61.993, 103.468

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 24.167, 106.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 61.993, 103.468 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(192, 190, 66)` looks like.

```
.text, #text, p{  
    color:rgb(192, 190, 66)  
}
```

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(192, 190, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 190, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 61.993, 103.468 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(192, 190, 66) }
```

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

```
.border{ border-color:rgb(192, 190, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 190, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 190, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 190, 66);  
box-shadow:4px 4px 4px 4px rgb(192, 190,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 61.993, 103.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 190, 66) }
```

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

```
.background{ background-color: rgb(192,  
190, 66) }
```

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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