

Converting Colors

CIELCh(74, 62.301, 100.821)

Have a look what the booklet for
CIELCh(74, 62.301, 100.821)
contains.

CIELCh(74, 62.476, 100.914)	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(74, 62.476, 100.914)

Conversions

Conversions Part 1

Format	Color
Hex	C2BA3D
RGB	194, 186, 61
RGB Percent	76%, 73%, 24%
CMY	0.2408, 0.2721, 0.7623
CMYK	0.00, 0.04, 0.69, 0.24
HSL	56°, 52%, 50%
HSV	56°, 69%, 76%
XYZ	40.4525, 46.7039, 11.2421
YIQ	174.1420, 44.8930, -37.1790

Conversions

Conversions Part 2

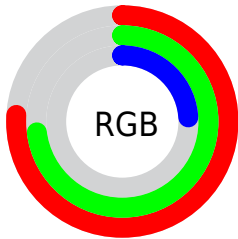
Format	Color
RYB	70, 194, 61
Decimal	12761661
CIELab	74.00, -11.83, 61.35
CIELCh	74, 62.476, 100.914
Yxy	46.7039, 0.4111, 0.4746
Android (android.graphics.Color)	4290951741 (0xFFC2BA3D)
YUV	174.1420, -55.7790, 17.4155
Hunter-Lab	68.3403, -13.9363, 38.0849

Details

The CIELCh color **74, 62.476, 100.914** 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 **36, 76.216, 299.515**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 62.734, 101.052**, and **54, 59.790, 101.030** is the 20% darker color. If you saturate the color by 10%, you get **74, 68.680, 100.142**, and if you desaturate by 10%, it is **74, 54.862, 101.792**.

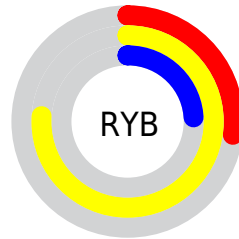
Distribution



Red (76%)

Green (73%)

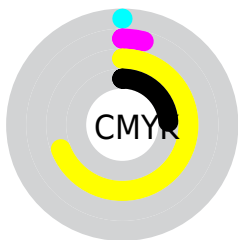
Blue (24%)



Red (27%)

Yellow (76%)

Blue (24%)

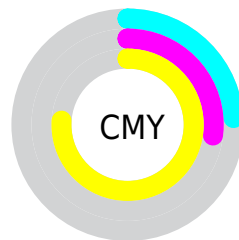


Cyan (0%)

Magenta (4%)

Yellow (69%)

Black (24%)



Cyan (24%)


Magenta (27%)


Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 62.476, 100.914 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, 62.476, 100.914 by changing the saturation by 10% instead.


 74, 62.476,
100.914


 74, 62.476,
100.914


 100, 62.476,
100.914


 64, 62.476,
100.914


 94, 62.476,
100.914

 54, 62.476,
100.914

 44, 62.476,
100.914

 34, 62.476,
100.914

 24, 62.476,
100.914

 14, 62.476,
100.914

 4, 62.476, 100.914

0, 62.476, 100.914

74, 62.476,
100.914

74, 62.476,
100.914

74, 68.680,
100.142

74, 54.862,
101.792

73, 72.952, 99.490

75, 46.320,
102.740

73, 75.164, 98.954

76, 37.209,
103.735

73, 75.406, 98.887

76, 27.768,
104.754

77, 18.148,
105.778

78, 8.445, 106.789

■ 78, 1.282, 287.864

■ 79, 10.997,
288.774

■ 80, 20.676,
289.704

Harmonies

Complementary

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



74, 62.476, 100.914



36, 76.216, 299.515

Rectangle

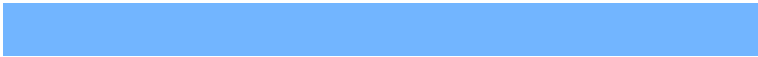
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 62.476, 100.914



74, 62.476, 150.914



74, 62.476, 280.914



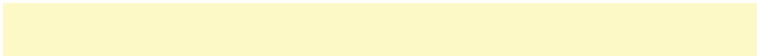
74, 62.476, 330.914

Sweetspot

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



74, 62.476, 100.916



97, 25.280, 105.507



46, 59.010, 25.374



52, 17.236, 105.219



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 62.476, 100.916



93, 86.596, 99.825



72, 70.116, 123.876



41, 5.514, 106.722



61, 65.710, 98.944



11, 17.304, 103.388

Inverse Universe

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



36, 76.216, 299.515



39, 113.557, 302.930



40, 79.430, 310.588



38, 5.621, 288.675



19, 91.854, 305.437



1, 18.646, 289.512

Previews

White Background



This preview shows how the CIELCh color 74, 62.476, 100.914 looks on a white background.

Color Contrast Check

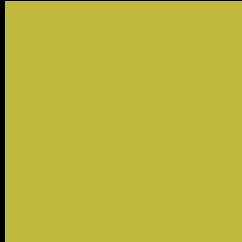
Large Text (above 18pt) WCAG AA × Fail

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, 62.476, 100.914 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, 62.476, 100.914

Background



This preview shows how black text looks on a background with the CIELCh color 74, 62.476, 100.914.



This preview shows how white text looks on a background with the CIELCh color 74, 62.476, 100.914.

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, 62.476, 100.914

Protanopia

74, 62.074, 95.100

Deuteranopia

74, 61.269, 81.217



Tritanopia
74, 13.283, 348.713

Trichromacy



Original Color
74, 62.476, 100.914

Protanomaly
74, 62.102, 97.178

Deuteranomaly
74, 61.020, 88.621

Tritanomaly
74, 21.949, 84.000

Monochromacy



Original Color
74, 62.476, 100.914

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 24.262, 104.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 62.476, 100.914 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(194, 186, 61)` looks like.

```
.text, #text, p{  
    color:rgb(194, 186, 61)  
}
```

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(194, 186, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 186, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 62.476, 100.914 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(194, 186, 61) }
```

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

```
.border{ border-color:rgb(194, 186, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 186, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 186, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 186, 61);  
box-shadow:4px 4px 4px 4px rgb(194, 186,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 62.476, 100.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 186, 61) }
```

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

```
.background{ background-color: rgb(194,  
186, 61) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor