

Converting Colors

CIELCh(74, 61.630, 104.402)

Have a look what the booklet for
CIELCh(74, 61.630, 104.402)
contains.

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Color

CIELCh(74, 61.578, 104.245)

Conversions

Conversions Part 1

Format	Color
Hex	BBBB40
RGB	187, 187, 64
RGB Percent	73%, 73%, 25%
CMY	0.2650, 0.2651, 0.7474
CMYK	0.00, 0.00, 0.66, 0.27
HSL	60°, 49%, 49%
HSV	60°, 66%, 73%
XYZ	39.3896, 46.7039, 11.8499
YIQ	172.9780, 39.4830, -38.2530

Conversions

Conversions Part 2

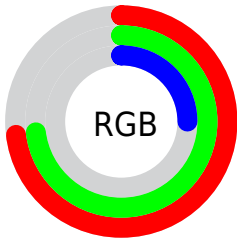
Format	Color
RYB	64, 187, 64
Decimal	12303168
CIELab	74.00, -15.15, 59.68
CIELCh	74, 61.578, 104.245
Yxy	46.7039, 0.4022, 0.4768
Android (android.graphics.Color)	4290493248 (0xFFBBBB40)
YUV	172.9780, -53.7262, 12.2973
Hunter-Lab	68.3403, -16.7127, 37.5576

Details

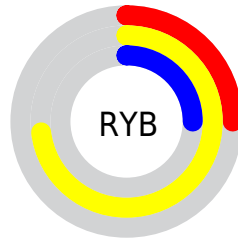
The CIELCh color **74, 61.578, 104.245** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **35, 75.330, 300.748**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 61.643, 104.143**, and **54, 60.117, 104.203** is the 20% darker color. If you saturate the color by 10%, you get **74, 68.257, 103.627**, and if you desaturate by 10%, it is **74, 53.602, 105.003**.

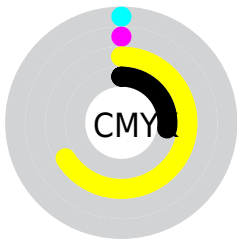
Distribution



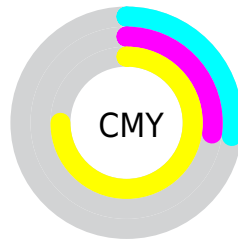
- Red (73%)
- Green (73%)
- Blue (25%)



- Red (25%)
- Yellow (73%)
- Blue (25%)



- Cyan (0%)
- Magenta (0%)
- Yellow (66%)
- Black (27%)





- Cyan (27%)
- Magenta (27%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 61.578, 104.245 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, 61.578, 104.245 by changing the saturation by 10% instead.


 74, 61.578,
104.245


 74, 61.578,
104.245


 100, 61.578,
104.245


 64, 61.578,
104.245


 94, 61.578,
104.245

 54, 61.578,
104.245

 44, 61.578,
104.245

 34, 61.578,
104.245

 24, 61.578,
104.245

 14, 61.578,
104.245

 4, 61.578, 104.245

■ 0, 61.578, 104.245

■ 74, 61.578,
104.245

■ 74, 61.578,
104.245

■ 74, 68.257,
103.627

■ 74, 53.602,
105.003

■ 74, 73.168,
103.178

■ 74, 44.753,
105.854

■ 74, 76.005,
102.922

■ 75, 35.353,
106.767

■ 74, 76.881,
102.844

■ 75, 25.619,
107.715

■ 75, 15.691,
108.675

■ 76, 5.663, 109.628

■ 76, 4.408, 290.596

■ 77, 14.482,
291.506

■ 77, 24.531,
292.390

Harmonies

Complementary

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



74, 61.578, 104.245



35, 75.330, 300.748

Rectangle

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



74, 61.578, 104.245



74, 61.578, 154.245



74, 61.578, 284.245



74, 61.578, 334.245

Sweetspot

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



74, 61.578, 104.247



95, 24.895, 108.224



45, 56.015, 27.826



51, 16.956, 107.953



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



74, 61.578, 104.247



94, 86.518, 103.393



70, 66.772, 125.745



40, 5.727, 109.276



63, 67.790, 102.844



11, 16.895, 107.637

Inverse Universe

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



35, 75.330, 300.748



37, 112.858, 303.821



41, 74.064, 311.819



36, 5.853, 291.133



18, 93.609, 306.285



1, 17.437, 290.634

Previews

White Background



This preview shows how the CIELCh color 74, 61.578, 104.245 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 74, 61.578, 104.245 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, 61.578, 104.245

Background



This preview shows how black text looks on a background with the CIELCh color 74, 61.578, 104.245.

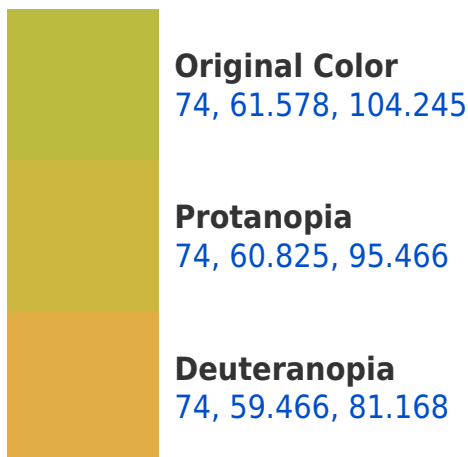


This preview shows how white text looks on a background with the CIELCh color 74, 61.578, 104.245.

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





Tritanopia
74, 11.748, 340.321

Trichromacy



Original Color
74, 61.578, 104.245

Protanomaly
74, 60.708, 98.862

Deuteranomaly
74, 59.006, 89.624

Tritanomaly
74, 20.333, 90.877

Monochromacy



Original Color
74, 61.578, 104.245

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 23.704, 107.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 61.578, 104.245 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(187, 187, 64)` looks like.

```
.text, #text, p{  
    color:rgb(187, 187, 64)  
}
```

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(187, 187, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 187, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 61.578, 104.245 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(187, 187, 64) }
```

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

```
.border{ border-color:rgb(187, 187, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 187, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 187, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 187, 64);  
box-shadow:4px 4px 4px 4px rgb(187, 187,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 61.578, 104.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 187, 64) }
```

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

```
.background{ background-color: rgb(187,  
187, 64) }
```

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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