

Converting Colors

CIELCh(74, 52.281, 92.527)

Have a look what the booklet for
CIELCh(74, 52.281, 92.527) contains.

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Color

CIELCh(74, 52.340, 92.544)

Conversions

Conversions Part 1

Format	Color
Hex	CFB553
RGB	207, 181, 83
RGB Percent	81%, 71%, 33%
CMY	0.1900, 0.2918, 0.6760
CMYK	0.00, 0.13, 0.60, 0.19
HSL	47°, 56%, 57%
HSV	47°, 60%, 81%
XYZ	43.5979, 46.7039, 14.8222
YIQ	177.6020, 46.9540, -24.9660

Conversions

Conversions Part 2

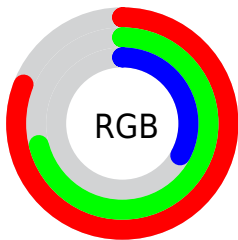
Format	Color
RYB	116, 207, 83
Decimal	13612371
CIELab	74.00, -2.32, 52.29
CIELCh	74, 52.340, 92.544
Yxy	46.7039, 0.4147, 0.4443
Android (android.graphics.Color)	4291802451 (0xFFCFB553)
YUV	177.6020, -46.6388, 25.7820
Hunter-Lab	68.3403, -5.7208, 34.9789

Details

The CIELCh color **74, 52.340, 92.544** 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 **48, 57.494, 290.790**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 51.336, 97.852**, and **54, 52.191, 92.096** is the 20% darker color. If you saturate the color by 10%, you get **73, 59.896, 91.255**, and if you desaturate by 10%, it is **75, 44.040, 93.816**.

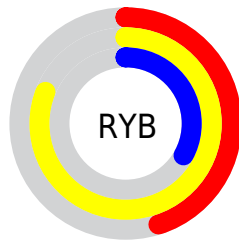
Distribution



Red (81%)

Green (71%)

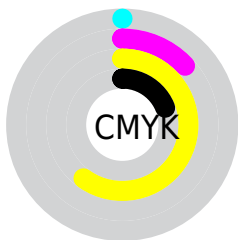
Blue (33%)



Red (45%)

Yellow (81%)

Blue (33%)

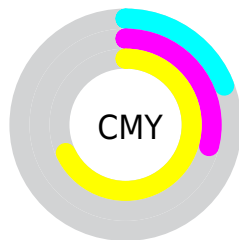


Cyan (0%)

Magenta (13%)

Yellow (60%)

Black (19%)



Cyan (19%)

Magenta (29%)

Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 52.340, 92.544 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, 52.340, 92.544 by changing the saturation by 10% instead.

 74, 52.340, 92.544

 74, 52.340, 92.544

 100, 52.340,
92.544

 64, 52.340, 92.544

 94, 52.340, 92.544

 54, 52.340, 92.544

 44, 52.340, 92.544

 34, 52.340, 92.544

 24, 52.340, 92.544

 14, 52.340, 92.544

 4, 52.340, 92.544

 0, 52.340, 92.544

 74, 52.340, 92.544

 74, 52.340, 92.544

73, 59.896, 91.255

75, 44.040, 93.816

71, 66.156, 89.917

77, 35.358, 95.068

70, 70.430, 88.483

78, 26.513, 96.299

69, 72.556, 86.908

80, 17.629, 97.504

81, 8.778, 98.671

83, 0.006, 308.380

85, 8.701, 280.944

86, 17.301,
281.984

88, 18.914,
278.623

Harmonies

Complementary

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



74, 52.340, 92.544



48, 57.494, 290.790

Rectangle

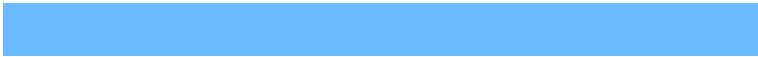
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 52.340, 92.544



74, 52.340, 142.544



74, 52.340, 272.544



74, 52.340, 322.544

Sweetspot

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



74, 52.340, 92.547



97, 18.807, 97.716



52, 52.350, 11.415



51, 13.083, 97.366



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, 52.340, 92.547



88, 72.505, 90.877



78, 63.731, 117.890



43, 5.026, 98.738



57, 62.379, 87.172



13, 18.791, 90.806

Inverse Universe

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



48, 57.494, 290.790



51, 83.613, 294.484



45, 73.492, 306.087



41, 5.080, 280.979



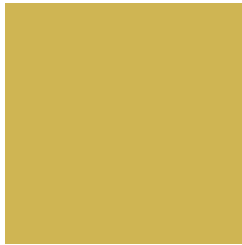
24, 84.328, 301.936



3, 21.894, 287.683

Previews

White Background



This preview shows how the CIELCh color 74, 52.340, 92.544 looks on a white background.

Color Contrast Check

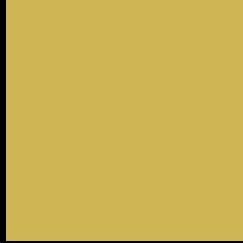
Large Text (above 18pt) WCAG AA × Fail

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, 52.340, 92.544 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, 52.340, 92.544

Background



This preview shows how black text looks on a background with the CIELCh color 74, 52.340, 92.544.



This preview shows how white text looks on a background with the CIELCh color 74, 52.340, 92.544.

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, 52.340, 92.544

Protanopia

74, 52.184, 95.458

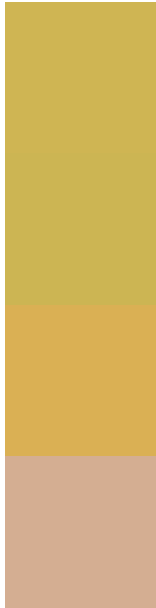
Deuteranopia

74, 52.447, 79.394



Tritanopia
74, 18.476, 358.878

Trichromacy



Original Color
74, 52.340, 92.544

Protanomaly
74, 52.029, 93.961

Deuteranomaly
74, 52.107, 84.447

Tritanomaly
74, 21.881, 63.438

Monochromacy



Original Color
74, 52.340, 92.544

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 19.320, 96.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 52.340, 92.544 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(207, 181, 83)` looks like.

```
.text, #text, p{  
    color:rgb(207, 181, 83)  
}
```

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(207, 181, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 181, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 52.340, 92.544 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(207, 181, 83) }
```

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

```
.border{ border-color:rgb(207, 181, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 181, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 181, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 181, 83);  
box-shadow:4px 4px 4px 4px rgb(207, 181,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 52.340, 92.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 181, 83) }
```

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

```
.background{ background-color: rgb(207,  
181, 83) }
```

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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