

Converting Colors

CIELCh(74, 40.565, 115.731)

Have a look what the booklet for
CIELCh(74, 40.565, 115.731)
contains.

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Color

CIELCh(74, 40.578, 115.734)

Conversions

Conversions Part 1

Format	Color
Hex	A DBD71
RGB	173, 189, 113
RGB Percent	68%, 74%, 44%
CMY	0.3200, 0.2572, 0.5553
CMYK	0.08, 0.00, 0.40, 0.26
HSL	73°, 37%, 59%
HSV	73°, 40%, 74%
XYZ	38.6129, 46.7039, 22.7160
YIQ	175.5520, 14.8600, -27.0280

Conversions

Conversions Part 2

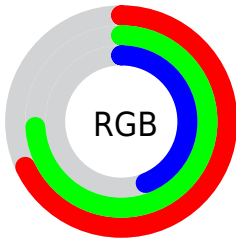
Format	Color
RYB	113, 189, 129
Decimal	11386225
CIELab	74.00, -17.62, 36.55
CIELCh	74, 40.578, 115.734
Yxy	46.7039, 0.3574, 0.4323
Android (android.graphics.Color)	4289576305 (0xFFADBD71)
YUV	175.5520, -30.8381, -2.2381
Hunter-Lab	68.3403, -18.7412, 28.1304

Details

The CIELCh color $74, 40.578, 115.734$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $52, 44.534, 301.867$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 40.403, 115.876$, and $54, 40.854, 116.021$ is the 20% darker color. If you saturate the color by 10%, you get $73, 50.018, 115.146$, and if you desaturate by 10%, it is $75, 30.729, 116.385$.

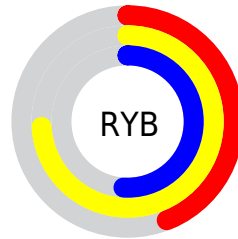
Distribution



Red (68%)

Green (74%)

Blue (44%)



Red (44%)

Yellow (74%)

Blue (51%)

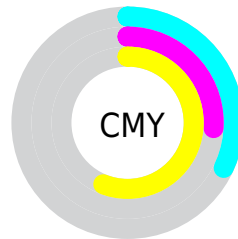


Cyan (8%)

Magenta (0%)

Yellow (40%)

Black (26%)



Cyan (32%)


Magenta (26%)


Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.578, 115.734 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, 40.578, 115.734 by changing the saturation by 10% instead.


 74, 40.578,
115.734

 74, 40.578,
115.734


 100, 40.578,
115.734


 64, 40.578,
115.734


 94, 40.578,
115.734

 54, 40.578,
115.734

 44, 40.578,
115.734

 34, 40.578,
115.734

 24, 40.578,
115.734

 14, 40.578,
115.734

 4, 40.578, 115.734

■ 0, 40.578, 115.734

■ 74, 40.578,
115.734

■ 74, 40.578,
115.734

■ 73, 50.018,
115.146

■ 75, 30.729,
116.385

■ 73, 58.792,
114.664

■ 75, 20.636,
117.058

■ 73, 66.543,
114.361

■ 76, 10.412,
117.731

■ 72, 72.817,
114.324

■ 77, 0.133, 118.499

■ 72, 77.179,
114.647

■ 78, 10.148,
299.020

■ 72, 79.739,
115.297

■ 78, 20.396,
299.623

■ 79, 30.583,
300.191

■ 80, 35.500,
301.544

■ 80, 35.707,
303.631

Harmonies

Complementary

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



74, 40.578, 115.734



52, 44.534, 301.867

Rectangle

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



74, 40.578, 115.734



74, 40.578, 165.734



74, 40.578, 295.734



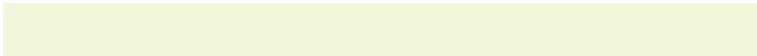
74, 40.578, 345.734

Sweetspot

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



74, 40.579, 115.736



96, 15.303, 117.593



60, 28.003, 39.432



52, 10.231, 117.505



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, 40.579, 115.736



93, 59.602, 115.221



72, 45.617, 133.753



40, 5.802, 117.784



61, 69.710, 115.143



10, 17.486, 120.372

Inverse Universe

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



52, 44.534, 301.867



61, 67.109, 302.852



56, 46.982, 317.433



37, 5.921, 299.043



19, 91.971, 307.434



1, 17.560, 296.484

Previews

White Background



This preview shows how the CIELCh color 74, 40.578, 115.734 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, 40.578, 115.734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

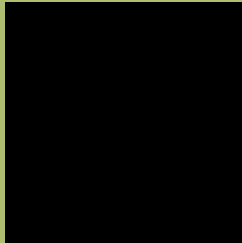
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 40.578, 115.734

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.578, 115.734.

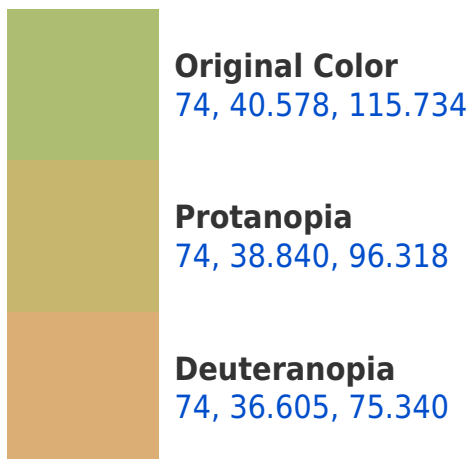



This preview shows how white text looks on a background with the CIELCh color 74, 40.578, 115.734.

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, 7.749, 301.688

Trichromacy



Original Color
74, 40.578, 115.734

Protanomaly
74, 39.140, 103.902

Deuteranomaly
74, 35.493, 91.552

Tritanomaly
74, 9.778, 116.007

Monochromacy



Original Color
74, 40.578, 115.734

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 15.304, 117.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.578, 115.734 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(173, 189, 113)` looks like.

```
.text, #text, p{  
    color:rgb(173, 189, 113)  
}
```

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(173, 189, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 189, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.578, 115.734 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(173, 189, 113) }
```

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

```
.border{ border-color:rgb(173, 189, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 189, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 189, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 189, 113);  
box-shadow:4px 4px 4px 4px rgb(173, 189,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.578, 115.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 189, 113) }
```

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

```
.background{ background-color: rgb(173,  
189, 113) }
```

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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