

Converting Colors

CIELCh(74, 43.407, 117.668)

Have a look what the booklet for
CIELCh(74, 43.407, 117.668)
contains.

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Color

CIELCh(74, 43.375, 117.680)

Conversions

Conversions Part 1

Format	Color
Hex	AABF6E
RGB	170, 191, 110
RGB Percent	67%, 75%, 43%
CMY	0.3349, 0.2525, 0.5701
CMYK	0.11, 0.00, 0.42, 0.25
HSL	76°, 39%, 59%
HSV	76°, 42%, 75%
XYZ	37.8268, 46.7039, 21.6655
YIQ	175.4870, 13.4850, -29.6430

Conversions

Conversions Part 2

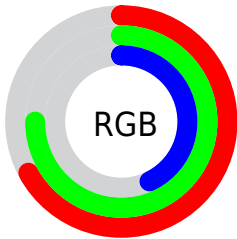
Format	Color
RYB	110, 191, 131
Decimal	11190126
CIELab	74.00, -20.15, 38.41
CIELCh	74, 43.375, 117.680
Yxy	46.7039, 0.3562, 0.4398
Android (android.graphics.Color)	4289380206 (0xFFAABF6E)
YUV	175.4870, -32.2851, -4.8121
Hunter-Lab	68.3403, -20.7946, 29.0419

Details

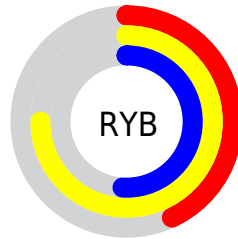
The CIELCh color **74, 43.375, 117.680** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **51, 47.680, 303.628**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 43.120, 117.754**, and **54, 43.684, 118.026** is the 20% darker color. If you saturate the color by 10%, you get **73, 52.826, 117.164**, and if you desaturate by 10%, it is **75, 33.469, 118.270**.

Distribution



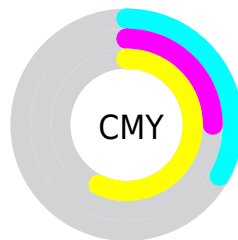
- Red (67%)
- Green (75%)
- Blue (43%)



- Red (43%)
- Yellow (75%)
- Blue (51%)



- Cyan (11%)
- Magenta (0%)
- Yellow (42%)
- Black (25%)





- Cyan (33%)
- Magenta (25%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 43.375, 117.680 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, 43.375, 117.680 by changing the saturation by 10% instead.

 74, 43.375,
117.680

 74, 43.375,
117.680

 100, 43.375,
117.680


 64, 43.375,
117.680


 94, 43.375,
117.680

 54, 43.375,
117.680

 44, 43.375,
117.680

 34, 43.375,
117.680

 24, 43.375,
117.680

 14, 43.375,
117.680

 4, 43.375, 117.680

■ 0, 43.375, 117.680

■ 74, 43.375,
117.680

■ 74, 43.375,
117.680

■ 73, 52.826,
117.164

■ 75, 33.469,
118.270

■ 73, 61.542,
116.775

■ 75, 23.289,
118.889

■ 72, 69.140,
116.596

■ 76, 12.963,
119.512

■ 72, 75.157,
116.727

■ 77, 2.574, 120.131

■ 72, 79.195,
117.264

■ 78, 7.820, 300.700

■ 71, 81.159,
117.886

■ 79, 18.178,
301.258

■ 80, 28.469,

301.781

■ 81, 34.978,
303.076

■ 81, 35.286,
305.710

Harmonies

Complementary

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



74, 43.375, 117.680



51, 47.680, 303.628

Rectangle

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



74, 43.375, 117.680



74, 43.375, 167.680



74, 43.375, 297.680



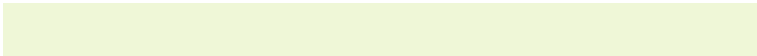
74, 43.375, 347.680

Sweetspot

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



74, 43.376, 117.682



96, 16.679, 119.467



60, 29.286, 44.272



51, 11.762, 119.328



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, 43.376, 117.682



93, 63.507, 117.196



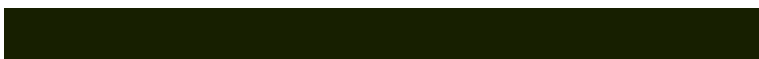
72, 49.185, 135.062



40, 5.838, 119.706



60, 70.600, 117.701



10, 17.743, 123.039

Inverse Universe

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



51, 47.680, 303.628



59, 71.688, 304.579



55, 50.390, 319.091



37, 5.952, 300.856



20, 91.323, 307.936



1, 17.614, 297.827

Previews

White Background



This preview shows how the CIELCh color 74, 43.375, 117.680 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, 43.375, 117.680 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, 43.375, 117.680

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.375, 117.680.



This preview shows how white text looks on a background with the CIELCh color 74, 43.375, 117.680.

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, 43.375, 117.680

Protanopia

74, 40.922, 95.979

Deuteranopia

74, 37.819, 75.441



Tritanopia
74, 7.589, 288.189

Trichromacy



Original Color
74, 43.375, 117.680

Protanomaly
74, 41.131, 104.405

Deuteranomaly
73, 37.033, 91.949

Tritanomaly
74, 11.231, 124.979

Monochromacy



Original Color
74, 43.375, 117.680

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 16.508, 119.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.375, 117.680 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(170, 191, 110)` looks like.

```
.text, #text, p{  
    color:rgb(170, 191, 110)  
}
```

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(170, 191, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 191, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.375, 117.680 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(170, 191, 110) }
```

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

```
.border{ border-color:rgb(170, 191, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 191, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 191, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 191, 110);  
box-shadow:4px 4px 4px 4px rgb(170, 191,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.375, 117.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 191, 110) }
```

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

```
.background{ background-color: rgb(170,  
191, 110) }
```

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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