

Converting Colors

CIELCh(74, 55.414, 135.123)

Have a look what the booklet for
CIELCh(74, 55.414, 135.123)
contains.

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Color

CIELCh(74, 55.414, 135.123)

Conversions

Conversions Part 1

Format	Color
Hex	81C76B
RGB	129, 199, 107
RGB Percent	51%, 78%, 42%
CMY	0.4932, 0.2187, 0.5796
CMYK	0.35, 0.00, 0.46, 0.22
HSL	106°, 45%, 60%
HSV	106°, 46%, 78%
XYZ	32.2290, 46.7039, 21.2845
YIQ	167.5820, -12.1880, -43.4520

Conversions

Conversions Part 2

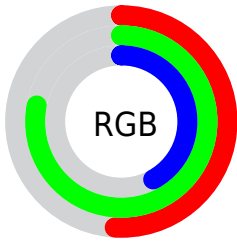
Format	Color
RYB	107, 199, 177
Decimal	8505195
CIELab	74.00, -39.27, 39.10
CIELCh	74, 55.414, 135.123
Yxy	46.7039, 0.3216, 0.4660
Android (android.graphics.Color)	4286695275 (0xFF81C76B)
YUV	167.5820, -29.8669, -33.8364
Hunter-Lab	68.3403, -35.4155, 29.3724

Details

The CIELCh color **74, 55.414, 135.123** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **56, 56.776, 319.570**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 54.584, 134.961**, and **54, 55.616, 135.190** is the 20% darker color. If you saturate the color by 10%, you get **73, 66.453, 134.514**, and if you desaturate by 10%, it is **75, 43.753, 135.746**.

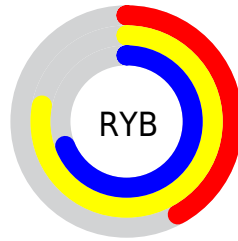
Distribution



Red (51%)

Green (78%)

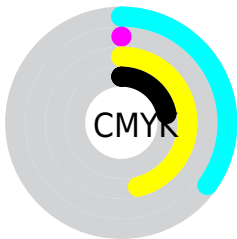
Blue (42%)



Red (42%)

Yellow (78%)

Blue (69%)

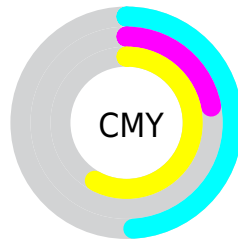


Cyan (35%)

Magenta (0%)

Yellow (46%)

Black (22%)



Cyan (49%)


Magenta (22%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 55.414, 135.123 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, 55.414, 135.123 by changing the saturation by 10% instead.


 74, 55.414,
135.123

 74, 55.414,
135.123


 100, 55.414,
135.123


 64, 55.414,
135.123


 94, 55.414,
135.123

 54, 55.414,
135.123

 44, 55.414,
135.123

 34, 55.414,
135.123

 24, 55.414,
135.123

 14, 55.414,
135.123

 4, 55.414, 135.123

■ 0, 55.414, 135.123

■ 74, 55.414,
135.123

■ 74, 55.414,
135.123

■ 73, 66.453,
134.514

■ 75, 43.753,
135.746

■ 72, 76.492,
133.988

■ 76, 31.746,
136.339

■ 72, 85.055,
133.655

■ 78, 19.597,
136.884

■ 71, 91.624,
133.642

■ 79, 7.453, 137.384

■ 71, 95.855,
134.034

■ 81, 4.578, 317.738

■ 83, 16.423,
318.137

■ 71, 97.080,
134.196

■ 85, 28.032,

318.460

■ 86, 34.186,
323.336

■ 87, 34.976,
325.640

Harmonies

Complementary

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



74, 55.414, 135.123



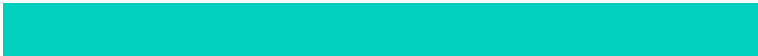
56, 56.776, 319.570

Rectangle

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



74, 55.414, 135.123



74, 55.414, 185.123



74, 55.414, 315.123



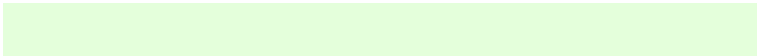
74, 55.414, 5.123

Sweetspot

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



74, 55.415, 135.124



97, 20.694, 136.986



72, 38.259, 91.502



52, 14.297, 136.874



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, 55.415, 135.124



91, 79.532, 134.536



73, 49.910, 148.241



41, 6.836, 137.227



59, 83.550, 134.038



11, 24.875, 138.787

Inverse Universe

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



56, 56.776, 319.570



66, 81.702, 319.876



58, 50.121, 335.614



39, 6.881, 318.009



32, 84.819, 319.429



3, 24.073, 316.638

Previews

White Background



This preview shows how the CIELCh color 74, 55.414, 135.123 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, 55.414, 135.123 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, 55.414, 135.123

Background



This preview shows how black text looks on a background with the CIELCh color 74, 55.414, 135.123.

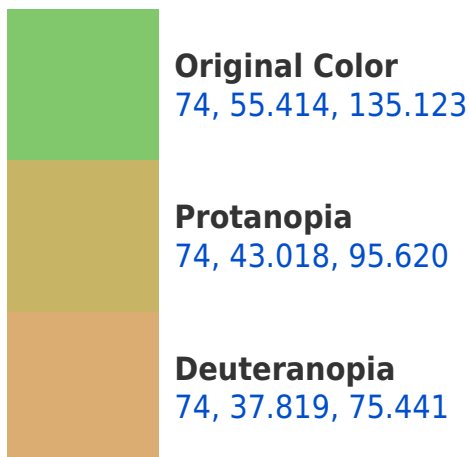


This preview shows how white text looks on a background with the CIELCh color 74, 55.414, 135.123.

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, 15.993, 229.215

Trichromacy



Original Color
74, 55.414, 135.123



Protanomaly
74, 44.899, 113.412



Deuteranomaly
73, 37.663, 104.563



Tritanomaly
74, 23.030, 163.269

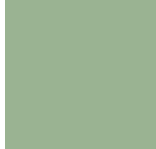
Monochromacy



Original Color
74, 55.414, 135.123



Achromatopsia
69, 0.009, 296.813



Achromatomaly
70, 20.448, 136.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 55.414, 135.123 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(129, 199, 107)` looks like.

```
.text, #text, p{  
    color:rgb(129, 199, 107)  
}
```

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(129, 199, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 199, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 55.414, 135.123 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(129, 199, 107) }
```

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

```
.border{ border-color:rgb(129, 199, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 199, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 199, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 199, 107);  
box-shadow:4px 4px 4px 4px rgb(129, 199,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 55.414, 135.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 199, 107) }
```

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

```
.background{ background-color: rgb(129,  
199, 107) }
```

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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