

Converting Colors

CIELCh(74, 90.005, 137.811)

Have a look what the booklet for
CIELCh(74, 90.005, 137.811)
contains.

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Color

CIELCh(74, 90.121, 137.817)

Conversions

Conversions Part 1

Format	Color
Hex	39D139
RGB	57, 209, 57
RGB Percent	22%, 82%, 22%
CMY	0.7771, 0.1808, 0.7769
CMYK	0.73, 0.00, 0.73, 0.18
HSL	120°, 62%, 52%
HSV	120°, 73%, 82%
XYZ	25.1858, 46.7039, 11.5429
YIQ	146.2240, -41.8000, -79.4960

Conversions

Conversions Part 2

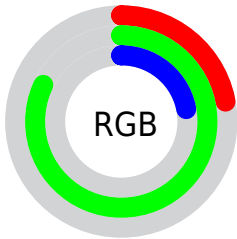
Format	Color
RYB	57, 209, 209
Decimal	3789113
CIELab	74.00, -66.78, 60.52
CIELCh	74, 90.121, 137.817
Yxy	46.7039, 0.3019, 0.5598
Android (android.graphics.Color)	4281979193 (0xFF39D139)
YUV	146.2240, -43.9874, -78.2494
Hunter-Lab	68.3403, -53.8119, 37.8239

Details

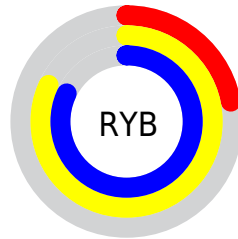
The CIELCh color **74, 90.121, 137.817** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **53, 88.333, 327.858**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 83.859, 137.902**, and **55, 81.803, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **74, 97.093, 136.888**, and if you desaturate by 10%, it is **75, 80.845, 138.920**.

Distribution



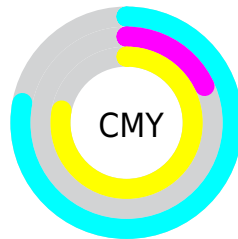
- Red (22%)
- Green (82%)
- Blue (22%)



- Red (22%)
- Yellow (82%)
- Blue (82%)



- Cyan (73%)
- Magenta (0%)
- Yellow (73%)
- Black (18%)





- Cyan (78%)
- Magenta (18%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 90.121, 137.817 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, 90.121, 137.817 by changing the saturation by 10% instead.


 74, 90.121,
137.817


 74, 90.121,
137.817


 100, 90.121,
137.817


 64, 90.121,
137.817


 94, 90.121,
137.817

 54, 90.121,
137.817

 44, 90.121,
137.817

 34, 90.121,
137.817

 24, 90.121,
137.817

 14, 90.121,
137.817

 4, 90.121, 137.817

■ 0, 90.121, 137.817

■ 74, 90.121,
137.817

■ 74, 90.121,
137.817

■ 74, 97.093,
136.888

■ 75, 80.845,
138.920

■ 73, 101.357,
136.272

■ 75, 69.812,
140.056

■ 73, 103.045,
136.018

■ 77, 57.542,
141.135

■ 78, 44.478,
142.107

■ 79, 30.983,
142.958

■ 81, 17.337,
143.693

■ 83, 3.752, 144.367

■ 85, 9.621, 324.791

■ 88, 22.679,
325.249

Harmonies

Complementary

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



74, 90.121, 137.817



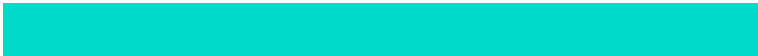
53, 88.333, 327.858

Rectangle

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



74, 90.121, 137.817



74, 90.121, 187.817



74, 90.121, 317.817



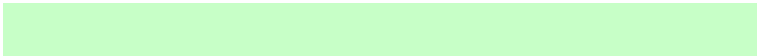
74, 90.121, 7.817

Sweetspot

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



74, 90.121, 137.818



95, 35.159, 143.001



81, 72.498, 103.763



50, 23.624, 142.781



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, 90.121, 137.818



88, 115.841, 136.521



75, 62.410, 154.683



43, 7.680, 143.919



60, 87.738, 136.019



13, 30.533, 142.084

Inverse Universe

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



53, 88.333, 327.858



61, 112.297, 328.149



50, 65.029, 353.352



41, 7.691, 324.945



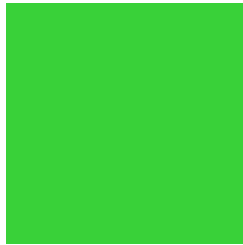
40, 84.636, 328.247



6, 31.104, 327.836

Previews

White Background



This preview shows how the CIELCh color 74, 90.121, 137.817 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, 90.121, 137.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

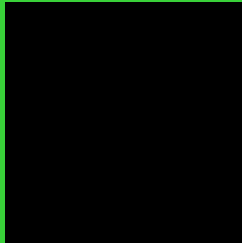
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

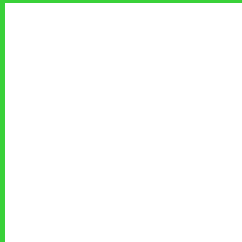
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 90.121, 137.817

Background



This preview shows how black text looks on a background with the CIELCh color 74, 90.121, 137.817.

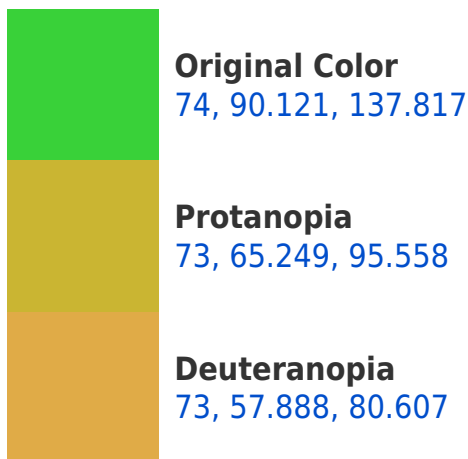


This preview shows how white text looks on a background with the CIELCh color 74, 90.121, 137.817.

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, 28.936, 215.076

Trichromacy



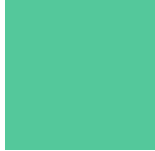
Original Color
74, 90.121, 137.817



Protanomaly
72, 69.771, 118.604



Deuteranomaly
71, 60.785, 113.327



Tritanomaly
73, 45.302, 163.557

Monochromacy



Original Color
74, 90.121, 137.817



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 37.172, 142.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 90.121, 137.817 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(57, 209, 57)` looks like.

```
.text, #text, p{  
    color:rgb(57, 209, 57)  
}
```

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(57, 209, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 209, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 90.121, 137.817 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(57, 209, 57) }
```

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

```
.border{ border-color:rgb(57, 209, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 209, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 209, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 209, 57);  
box-shadow:4px 4px 4px 4px rgb(57, 209,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 90.121, 137.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 209, 57) }
```

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

```
.background{ background-color: rgb(57, 209,  
57) }
```

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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