

Converting Colors

CIELCh(74, 52.494, 138.930)

Have a look what the booklet for
CIELCh(74, 52.494, 138.930)
contains.

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Color

CIELCh(74, 52.848, 138.802)

Conversions

Conversions Part 1

Format	Color
Hex	7DC874
RGB	125, 200, 116
RGB Percent	49%, 78%, 45%
CMY	0.5113, 0.2173, 0.5465
CMYK	0.38, 0.00, 0.42, 0.22
HSL	114°, 43%, 62%
HSV	114°, 42%, 78%
XYZ	32.0914, 46.7039, 23.7330
YIQ	167.9990, -17.7360, -42.0240

Conversions

Conversions Part 2

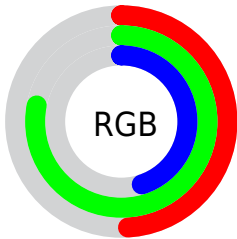
Format	Color
RYB	116, 200, 191
Decimal	8243316
CIELab	74.00, -39.76, 34.81
CIELCh	74, 52.848, 138.802
Yxy	46.7039, 0.3130, 0.4555
Android (android.graphics.Color)	4286433396 (0xFF7DC874)
YUV	167.9990, -25.6355, -37.7101
Hunter-Lab	68.3403, -35.7751, 27.2481

Details

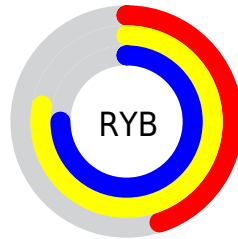
The CIELCh color **74, 52.848, 138.802** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **60, 53.223, 323.480**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 51.630, 138.889**, and **54, 52.588, 138.789** is the 20% darker color. If you saturate the color by 10%, you get **73, 64.552, 137.961**, and if you desaturate by 10%, it is **75, 40.545, 139.585**.

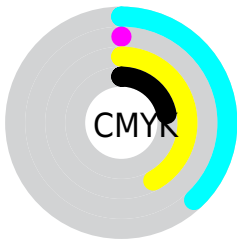
Distribution



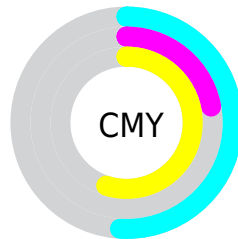
- Red (49%)
- Green (78%)
- Blue (45%)



- Red (45%)
- Yellow (78%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (42%)
- Black (22%)





- Cyan (51%)
- Magenta (22%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 52.848, 138.802 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, 52.848, 138.802 by changing the saturation by 10% instead.


 74, 52.848,
138.802

 74, 52.848,
138.802


 100, 52.848,
138.802


 64, 52.848,
138.802


 94, 52.848,
138.802

 54, 52.848,
138.802

 44, 52.848,
138.802

 34, 52.848,
138.802

 24, 52.848,
138.802

 14, 52.848,
138.802

 4, 52.848, 138.802

■ 0, 52.848, 138.802

■ 74, 52.848,
138.802

■ 74, 52.848,
138.802

■ 73, 64.552,
137.961

■ 75, 40.545,
139.585

■ 72, 75.275,
137.113

■ 77, 27.929,
140.288

■ 71, 84.547,
136.346

■ 78, 15.222,
140.907

■ 71, 91.834,
135.786

■ 80, 2.586, 141.510

■ 71, 96.679,
135.558

■ 82, 9.865, 321.848

■ 70, 98.952,
135.539

■ 84, 22.052,
322.245

■ 86, 33.773,

322.735

■ 87, 34.747,
325.633

Harmonies

Complementary

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



74, 52.848, 138.802



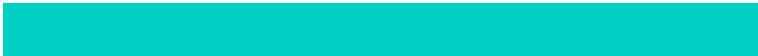
60, 53.223, 323.480

Rectangle

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



74, 52.848, 138.802



74, 52.848, 188.802



74, 52.848, 318.802



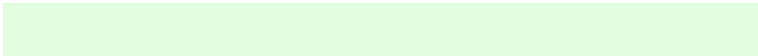
74, 52.848, 8.802

Sweetspot

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



74, 52.849, 138.803



97, 20.015, 140.841



76, 39.278, 100.431



51, 14.019, 140.708



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, 52.849, 138.803



91, 75.793, 138.077



74, 41.194, 153.945



41, 7.120, 141.061



58, 85.116, 135.452



11, 25.811, 141.528

Inverse Universe

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



60, 53.223, 323.480



70, 76.254, 323.814



59, 42.146, 341.445



39, 7.145, 321.949



35, 83.365, 324.133



4, 25.521, 322.601

Previews

White Background



This preview shows how the CIELCh color 74, 52.848, 138.802 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, 52.848, 138.802 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, 52.848, 138.802

Background



This preview shows how black text looks on a background with the CIELCh color 74, 52.848, 138.802.

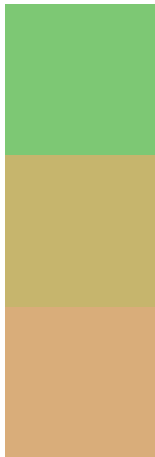


This preview shows how white text looks on a background with the CIELCh color 74, 52.848, 138.802.

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, 52.848, 138.802

Protanopia
74, 38.958, 95.673

Deuteranopia
74, 33.634, 73.605



Tritanopia
74, 17.571, 226.079

Trichromacy



Original Color
74, 52.848, 138.802



Protanomaly
73, 41.179, 116.129



Deuteranomaly
73, 33.539, 106.891

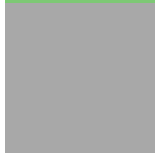


Tritanomaly
74, 23.713, 168.865

Monochromacy



Original Color
74, 52.848, 138.802



Achromatopsia
69, 0.009, 296.813



Achromatomaly
70, 19.428, 140.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 52.848, 138.802 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(125, 200, 116)` looks like.

```
.text, #text, p{  
    color:rgb(125, 200, 116)  
}
```

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(125, 200, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 200, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 52.848, 138.802 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(125, 200, 116) }
```

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

```
.border{ border-color:rgb(125, 200, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 200, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 200, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 200, 116); box-shadow:4px 4px 4px 4px rgb(125, 200, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 52.848, 138.802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 200, 116) }
```

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

```
.background{ background-color: rgb(125,  
200, 116) }
```

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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