

Converting Colors

CIELCh(74, 52.005, 128.484)

Have a look what the booklet for
CIELCh(74, 52.005, 128.484)
contains.

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Color

CIELCh(74, 52.078, 128.414)

Conversions

Conversions Part 1

Format	Color
Hex	92C468
RGB	146, 196, 104
RGB Percent	57%, 77%, 41%
CMY	0.4267, 0.2306, 0.5914
CMYK	0.25, 0.00, 0.47, 0.23
HSL	93°, 44%, 59%
HSV	93°, 47%, 77%
XYZ	34.1833, 46.7039, 20.3598
YIQ	170.5620, -0.2680, -39.2120

Conversions

Conversions Part 2

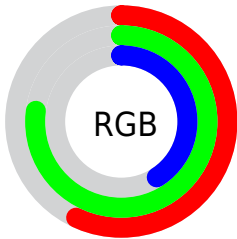
Format	Color
RYB	104, 196, 154
Decimal	9618536
CIELab	74.00, -32.36, 40.81
CIElCh	74, 52.078, 128.414
Yxy	46.7039, 0.3376, 0.4613
Android (android.graphics.Color)	4287808616 (0xFF92C468)
YUV	170.5620, -32.8151, -21.5409
Hunter-Lab	68.3403, -30.3110, 30.1746

Details

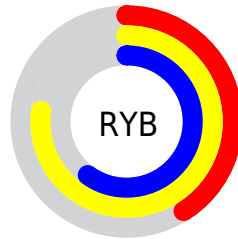
The CIELCh color **74, 52.078, 128.414** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **53, 55.347, 312.791**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 52.008, 128.374**, and **54, 51.948, 128.372** is the 20% darker color. If you saturate the color by 10%, you get **73, 62.278, 128.031**, and if you desaturate by 10%, it is **75, 41.322, 128.875**.

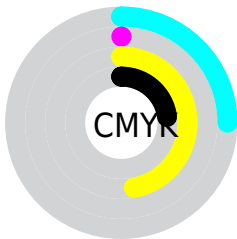
Distribution



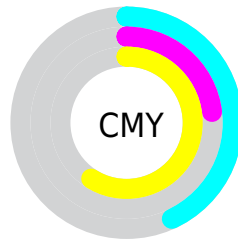
- Red (57%)
- Green (77%)
- Blue (41%)



- Red (41%)
- Yellow (77%)
- Blue (60%)



- Cyan (25%)
- Magenta (0%)
- Yellow (47%)
- Black (23%)





- Cyan (43%)
- Magenta (23%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 52.078, 128.414 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, 52.078, 128.414 by changing the saturation by 10% instead.


 74, 52.078,
128.414

 74, 52.078,
128.414


 100, 52.078,
128.414


 64, 52.078,
128.414


 94, 52.078,
128.414

 54, 52.078,
128.414

 44, 52.078,
128.414

 34, 52.078,
128.414

 24, 52.078,
128.414

 14, 52.078,
128.414

 4, 52.078, 128.414

0, 52.078, 128.414

74, 52.078,
128.414

74, 52.078,
128.414

73, 62.278,
128.031

75, 41.322,
128.875

72, 71.584,
127.802

76, 30.244,
129.359

72, 79.555,
127.841

77, 19.013,
129.837

71, 85.717,
128.275

78, 7.743, 130.298

71, 89.805,
129.177

80, 3.483, 310.660

81, 14.607,
311.068

71, 90.862,
129.475

83, 25.589,

311.413

■ 84, 33.394,
313.507

■ 85, 34.786,
319.280

Harmonies

Complementary

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



74, 52.078, 128.414



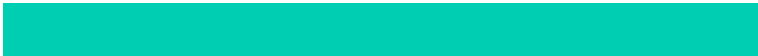
53, 55.347, 312.791

Rectangle

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



74, 52.078, 128.414



74, 52.078, 178.414



74, 52.078, 308.414



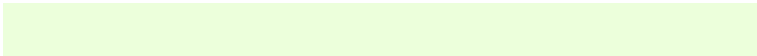
74, 52.078, 358.414

Sweetspot

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



74, 52.079, 128.415



98, 19.481, 129.962



66, 33.327, 72.881



52, 13.453, 129.860



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, 52.079, 128.415



93, 75.832, 128.032



72, 58.338, 141.569



40, 6.306, 130.185



59, 78.152, 129.238



11, 21.427, 133.897

Inverse Universe

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



53, 55.347, 312.791



61, 81.718, 313.233



58, 58.076, 327.867



38, 6.384, 310.962



26, 87.418, 313.051



2, 20.377, 306.923

Previews

White Background



This preview shows how the CIELCh color 74, 52.078, 128.414 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, 52.078, 128.414 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, 52.078, 128.414

Background



This preview shows how black text looks on a background with the CIELCh color 74, 52.078, 128.414.



This preview shows how white text looks on a background with the CIELCh color 74, 52.078, 128.414.

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, 11.684, 243.197

Trichromacy



Original Color
74, 52.078, 128.414

Protanomaly
74, 45.104, 109.593

Deuteranomaly
73, 39.086, 98.835

Tritanomaly
74, 18.251, 152.744

Monochromacy



Original Color
74, 52.078, 128.414

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 19.241, 129.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 52.078, 128.414 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(146, 196, 104)` looks like.

```
.text, #text, p{  
    color:rgb(146, 196, 104)  
}
```

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(146, 196, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 196, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 52.078, 128.414 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(146, 196, 104) }
```

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

```
.border{ border-color:rgb(146, 196, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 196, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 196, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 196, 104);  
box-shadow:4px 4px 4px 4px rgb(146, 196,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 52.078, 128.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 196, 104) }
```

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

```
.background{ background-color: rgb(146,  
196, 104) }
```

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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