

Converting Colors

CIELCh(74, 46.150, 138.543)

Have a look what the booklet for
CIELCh(74, 46.150, 138.543)
contains.

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Color

CIELCh(74, 46.410, 138.472)

Conversions

Conversions Part 1

Format	Color
Hex	86C67C
RGB	134, 198, 124
RGB Percent	53%, 78%, 49%
CMY	0.4759, 0.2250, 0.5151
CMYK	0.32, 0.00, 0.37, 0.22
HSL	112°, 39%, 63%
HSV	112°, 37%, 78%
XYZ	33.4998, 46.7039, 26.2039
YIQ	170.4280, -14.3900, -36.5820

Conversions

Conversions Part 2

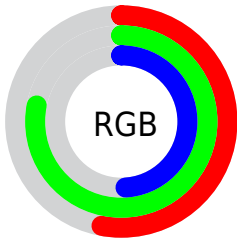
Format	Color
RYB	124, 198, 188
Decimal	8832636
CIELab	74.00, -34.74, 30.77
CIELCh	74, 46.410, 138.472
Yxy	46.7039, 0.3148, 0.4389
Android (android.graphics.Color)	4287022716 (0xFF86C67C)
YUV	170.4280, -22.8890, -31.9474
Hunter-Lab	68.3403, -32.0963, 25.1045

Details

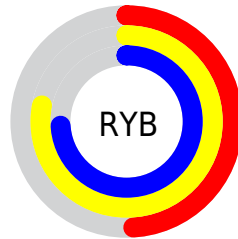
The CIELCh color **74, 46.410, 138.472** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 46.861, 322.435**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 46.498, 138.433**, and **54, 46.605, 138.516** is the 20% darker color. If you saturate the color by 10%, you get **73, 58.260, 137.702**, and if you desaturate by 10%, it is **75, 34.132, 139.183**.

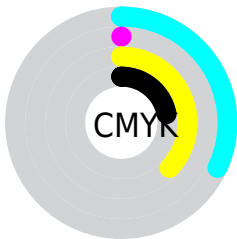
Distribution



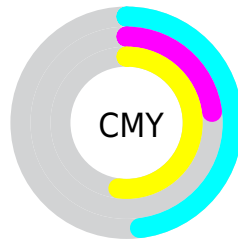
- Red (53%)
- Green (78%)
- Blue (49%)



- Red (49%)
- Yellow (78%)
- Blue (74%)



- Cyan (32%)
- Magenta (0%)
- Yellow (37%)
- Black (22%)



- Cyan (48%)
- Magenta (23%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 46.410, 138.472 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, 46.410, 138.472 by changing the saturation by 10% instead.

 74, 46.410,
138.472

 74, 46.410,
138.472


 100, 46.410,
138.472


 64, 46.410,
138.472


 94, 46.410,
138.472

 54, 46.410,
138.472

 44, 46.410,
138.472

 34, 46.410,
138.472

 24, 46.410,
138.472

 14, 46.410,
138.472

 4, 46.410, 138.472

0, 46.410, 138.472

74, 46.410,
138.472

74, 46.410,
138.472

73, 58.260,
137.702

75, 34.132,
139.183

72, 69.356,
136.908

77, 21.664,
139.818

71, 79.284,
136.163

78, 9.188, 140.384

71, 87.540,
135.576

80, 3.165, 320.764


82, 15.304,
321.227

70, 93.606,
135.280


84, 27.168,
321.580

70, 97.237,
135.333

86, 35.681,

 70, 97.950,
135.333

324.847

 86, 35.981,
325.675

Harmonies

Complementary

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



74, 46.410, 138.472



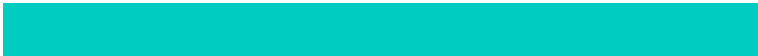
61, 46.861, 322.435

Rectangle

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



74, 46.410, 138.472



74, 46.410, 188.472



74, 46.410, 318.472



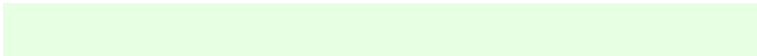
74, 46.410, 8.472

Sweetspot

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



74, 46.411, 138.473



98, 16.767, 140.179



75, 33.712, 99.069



52, 11.275, 140.102



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, 46.411, 138.473



92, 68.124, 137.840



74, 37.509, 153.085



41, 7.058, 140.277



58, 84.867, 135.234



11, 25.609, 140.964

Inverse Universe

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



61, 46.861, 322.435



73, 68.817, 322.769



61, 38.158, 339.346



39, 7.086, 321.137



35, 83.612, 323.096



4, 25.198, 321.366

Previews

White Background



This preview shows how the CIELCh color 74, 46.410, 138.472 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, 46.410, 138.472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

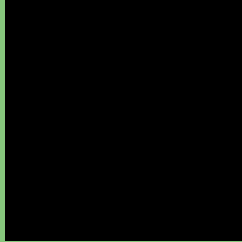
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 46.410, 138.472

Background



This preview shows how black text looks on a background with the CIELCh color 74, 46.410, 138.472.



This preview shows how white text looks on a background with the CIELCh color 74, 46.410, 138.472.

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

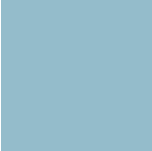
74, 46.410, 138.472

Protanopia

74, 34.825, 95.626

Deuteranopia

73, 29.932, 71.603



Tritanopia
74, 15.466, 230.413

Trichromacy



Original Color
74, 46.410, 138.472



Protanomaly
73, 36.427, 115.153



Deuteranomaly
73, 29.431, 104.878

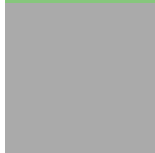


Tritanomaly
74, 20.248, 169.030

Monochromacy



Original Color
74, 46.410, 138.472



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 17.189, 139.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 46.410, 138.472 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(134, 198, 124)` looks like.

```
.text, #text, p{  
    color:rgb(134, 198, 124)  
}
```

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(134, 198, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 198, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 46.410, 138.472 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(134, 198, 124) }
```

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

```
.border{ border-color:rgb(134, 198, 124) }
```

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

Here you see how a box with a 4 pixel rgb(134, 198, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 198, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 198, 124);  
box-shadow:4px 4px 4px 4px rgb(134, 198,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 46.410, 138.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 198, 124) }
```

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

```
.background{ background-color: rgb(134,  
198, 124) }
```

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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