

Converting Colors

CIELCh(74, 40.788, 137.078)

Have a look what the booklet for
CIELCh(74, 40.788, 137.078)
contains.

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Color

CIELCh(74, 40.751, 137.089)

Conversions

Conversions Part 1

Format	Color
Hex	8FC482
RGB	143, 196, 130
RGB Percent	56%, 77%, 51%
CMY	0.4407, 0.2329, 0.4917
CMYK	0.27, 0.00, 0.34, 0.23
HSL	108°, 36%, 64%
HSV	108°, 34%, 77%
XYZ	34.9128, 46.7039, 28.1612
YIQ	172.6290, -10.4020, -31.7620

Conversions

Conversions Part 2

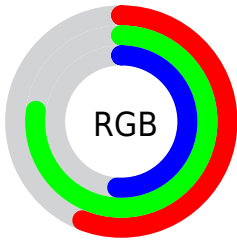
Format	Color
RYB	130, 196, 183
Decimal	9421954
CIELab	74.00, -29.85, 27.75
CIELCh	74, 40.751, 137.089
Yxy	46.7039, 0.3180, 0.4254
Android (android.graphics.Color)	4287612034 (0xFF8FC482)
YUV	172.6290, -21.0161, -25.9846
Hunter-Lab	68.3403, -28.4057, 23.4064

Details

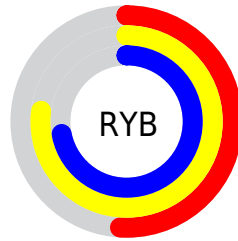
The CIELCh color $74, 40.751, 137.089$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $62, 41.354, 320.389$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 41.029, 136.950$, and $54, 40.647, 137.009$ is the 20% darker color. If you saturate the color by 10%, you get $73, 52.492, 136.423$, and if you desaturate by 10%, it is $75, 28.714, 137.709$.

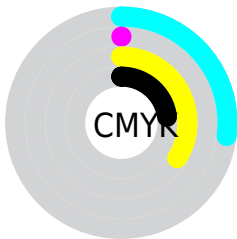
Distribution



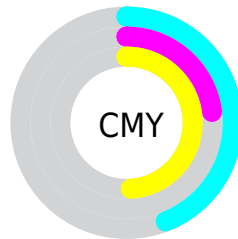
- Red (56%)
- Green (77%)
- Blue (51%)



- Red (51%)
- Yellow (77%)
- Blue (72%)



- Cyan (27%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)




- Cyan (44%)
- Magenta (23%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.751, 137.089 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, 40.751, 137.089 by changing the saturation by 10% instead.

 74, 40.751,
137.089


 74, 40.751,
137.089


 100, 40.751,
137.089


 64, 40.751,
137.089


 94, 40.751,
137.089

 54, 40.751,
137.089

 44, 40.751,
137.089

 34, 40.751,
137.089

 24, 40.751,
137.089

 14, 40.751,
137.089

 4, 40.751, 137.089

■ 0, 40.751, 137.089

■ 74, 40.751,
137.089

■ 74, 40.751,
137.089

■ 73, 52.492,
136.423

■ 75, 28.714,
137.709

■ 72, 63.666,
135.740

■ 77, 16.573,
138.267

■ 71, 73.920,
135.103

■ 78, 4.472, 138.788

■ 70, 82.798,
134.608

■ 80, 7.486, 319.137


■ 70, 89.783,
134.383

■ 82, 19.230,
319.518


■ 69, 94.453,
134.536

■ 84, 30.714,
319.834

■ 86, 36.830,

 69, 96.416,
134.727

324.566

 86, 37.255,
325.719

Harmonies

Complementary

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



74, 40.751, 137.089



62, 41.354, 320.389

Rectangle

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



74, 40.751, 137.089



74, 40.751, 187.089



74, 40.751, 317.089



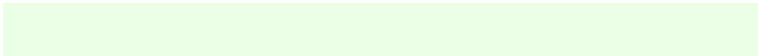
74, 40.751, 7.089

Sweetspot

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



74, 40.753, 137.090



98, 14.945, 138.453



74, 28.776, 96.466



52, 10.204, 138.380



0, 0.000, 0.000



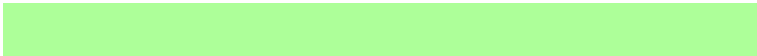
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 40.753, 137.090



93, 59.706, 136.633



74, 34.937, 151.494



40, 6.777, 138.494



58, 83.176, 134.590



10, 23.038, 140.240

Inverse Universe

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



62, 41.354, 320.389



75, 60.721, 320.673



62, 35.330, 336.744



38, 6.814, 319.300



32, 83.301, 320.889



3, 22.017, 317.611

Previews

White Background



This preview shows how the CIELCh color 74, 40.751, 137.089 looks on a white background.

Color Contrast Check

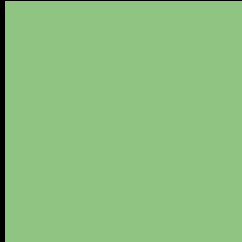
Large Text (above 18pt) WCAG AA × Fail

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, 40.751, 137.089 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, 40.751, 137.089

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.751, 137.089.



This preview shows how white text looks on a background with the CIELCh color 74, 40.751, 137.089.

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](#).

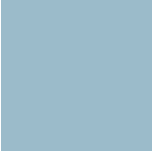
Dichromacy



Original Color
74, 40.751, 137.089

Protanopia
74, 31.151, 95.562

Deuteranopia
74, 27.569, 70.758



Tritanopia
74, 13.395, 236.253

Trichromacy



Original Color
74, 40.751, 137.089



Protanomaly
74, 32.139, 113.670



Deuteranomaly
73, 26.893, 102.295



Tritanomaly
74, 16.437, 170.621

Monochromacy



Original Color
74, 40.751, 137.089



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 15.164, 139.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.751, 137.089 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(143, 196, 130)` looks like.

```
.text, #text, p{  
    color:rgb(143, 196, 130)  
}
```

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(143, 196, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 196, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.751, 137.089 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(143, 196, 130) }
```

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

```
.border{ border-color:rgb(143, 196, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 196, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 196, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 196, 130);  
box-shadow:4px 4px 4px 4px rgb(143, 196,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.751, 137.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 196, 130) }
```

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

```
.background{ background-color: rgb(143,  
196, 130) }
```

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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