

Converting Colors

CIELCh(74, 45.207, 135.325)

Have a look what the booklet for
CIELCh(74, 45.207, 135.325)
contains.

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Color

CIELCh(74, 44.767, 135.151)

Conversions

Conversions Part 1

Format	Color
Hex	8DC47A
RGB	141, 196, 122
RGB Percent	55%, 77%, 48%
CMY	0.4460, 0.2303, 0.5205
CMYK	0.28, 0.00, 0.38, 0.23
HSL	105°, 39%, 62%
HSV	105°, 38%, 77%
XYZ	34.3624, 46.7039, 25.7001
YIQ	171.1190, -9.0260, -34.6740

Conversions

Conversions Part 2

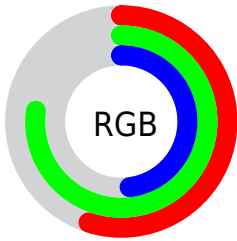
Format	Color
RYB	122, 196, 177
Decimal	9290874
CIELab	74.00, -31.74, 31.57
CIElCh	74, 44.767, 135.151
Yxy	46.7039, 0.3218, 0.4374
Android (android.graphics.Color)	4287480954 (0xFF8DC47A)
YUV	171.1190, -24.2157, -26.4144
Hunter-Lab	68.3403, -29.8434, 25.5415

Details

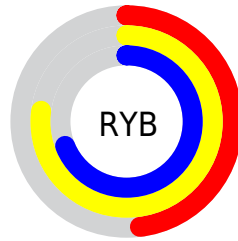
The CIELCh color $74, 44.767, 135.151$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $59, 45.797, 318.693$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 44.922, 135.163$, and $54, 44.924, 135.294$ is the 20% darker color. If you saturate the color by 10%, you get $73, 56.161, 134.550$, and if you desaturate by 10%, it is $75, 33.007, 135.735$.

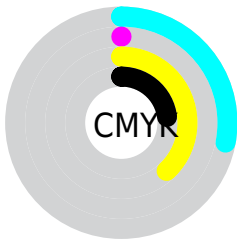
Distribution



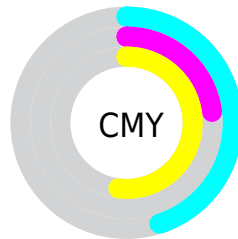
- Red (55%)
- Green (77%)
- Blue (48%)



- Red (48%)
- Yellow (77%)
- Blue (69%)



- Cyan (28%)
- Magenta (0%)
- Yellow (38%)
- Black (23%)





- Cyan (45%)
- Magenta (23%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 44.767, 135.151 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, 44.767, 135.151 by changing the saturation by 10% instead.


 74, 44.767,
135.151


 74, 44.767,
135.151


 100, 44.767,
135.151


 64, 44.767,
135.151


 94, 44.767,
135.151

 54, 44.767,
135.151

 44, 44.767,
135.151

 34, 44.767,
135.151

 24, 44.767,
135.151

 14, 44.767,
135.151

 4, 44.767, 135.151

■ 0, 44.767, 135.151

■ 74, 44.767,
135.151

■ 74, 44.767,
135.151

■ 73, 56.161,
134.550

■ 75, 33.007,
135.735

■ 72, 66.901,
133.975

■ 77, 21.081,
136.276

■ 71, 76.608,
133.505

■ 78, 9.141, 136.771

■ 71, 84.805,
133.252

■ 80, 2.707, 317.107


■ 70, 90.988,
133.344

■ 81, 14.387,
317.537


■ 70, 94.931,
133.825

■ 83, 25.847,
317.865

■ 85, 34.917,

 70, 95.674,
133.926

319.905

 86, 36.827,
325.704

Harmonies

Complementary

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



74, 44.767, 135.151



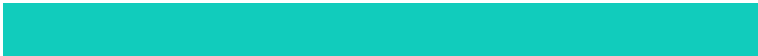
59, 45.797, 318.693

Rectangle

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



74, 44.767, 135.151



74, 44.767, 185.151



74, 44.767, 315.151



74, 44.767, 5.151

Sweetspot

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



74, 44.768, 135.152



98, 16.154, 136.604



73, 30.400, 91.412



52, 10.861, 136.536



0, 0.000, 0.000



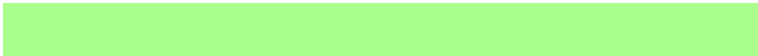
53, 0.007, 296.813

Same Dimension

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



74, 44.768, 135.152



93, 65.650, 134.671



73, 41.109, 148.629



40, 6.656, 136.692



58, 82.293, 133.756



10, 22.680, 138.978

Inverse Universe

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



59, 45.797, 318.693



71, 67.424, 319.002



61, 41.336, 334.271



38, 6.702, 317.463



31, 84.079, 318.853



3, 21.520, 314.987

Previews

White Background



This preview shows how the CIELCh color 74, 44.767, 135.151 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, 44.767, 135.151 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, 44.767, 135.151

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.767, 135.151.



This preview shows how white text looks on a background with the CIELCh color 74, 44.767, 135.151.

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](#).

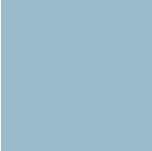
Dichromacy



Original Color
74, 44.767, 135.151

Protanopia
74, 35.334, 95.723

Deuteranopia
74, 31.099, 71.970



Tritanopia
74, 13.650, 235.420

Trichromacy



Original Color
74, 44.767, 135.151

Protanomaly
74, 36.759, 113.111

Deuteranomaly
73, 30.146, 100.893

Tritanomaly
74, 17.637, 166.543

Monochromacy



Original Color
74, 44.767, 135.151

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 16.612, 136.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.767, 135.151 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(141, 196, 122)` looks like.

```
.text, #text, p{  
    color:rgb(141, 196, 122)  
}
```

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(141, 196, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 196, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.767, 135.151 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(141, 196, 122) }
```

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

```
.border{ border-color:rgb(141, 196, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 196, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 196, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 196, 122); box-shadow:4px 4px 4px 4px rgb(141, 196, 122) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.767, 135.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 196, 122) }
```

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

```
.background{ background-color: rgb(141,  
196, 122) }
```

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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