

Converting Colors

CIELCh(74, 44.778, 146.409)

Have a look what the booklet for
CIELCh(74, 44.778, 146.409)
contains.

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Color

CIELCh(74, 44.704, 146.371)

Conversions

Conversions Part 1

Format	Color
Hex	7AC787
RGB	122, 199, 135
RGB Percent	48%, 78%, 53%
CMY	0.5218, 0.2198, 0.4708
CMYK	0.39, 0.00, 0.32, 0.22
HSL	130°, 41%, 63%
HSV	130°, 39%, 78%
XYZ	32.7995, 46.7039, 30.1891
YIQ	168.6810, -25.3480, -36.2280

Conversions

Conversions Part 2

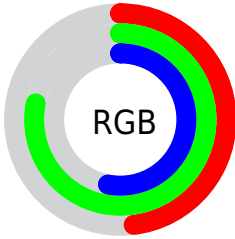
Format	Color
RYB	122, 188, 199
Decimal	8046471
CIELab	74.00, -37.22, 24.76
CIElCh	74, 44.704, 146.371
Yxy	46.7039, 0.2990, 0.4258
Android (android.graphics.Color)	4286236551 (0xFF7AC787)
YUV	168.6810, -16.6047, -40.9392
Hunter-Lab	68.3403, -33.9254, 21.6470

Details

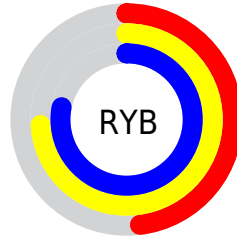
The CIELCh color $74, 44.704, 146.371$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $61, 44.773, 331.886$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 43.874, 146.659$, and $54, 44.917, 146.528$ is the 20% darker color. If you saturate the color by 10%, you get $73, 55.651, 145.239$, and if you desaturate by 10%, it is $75, 33.314, 147.354$.

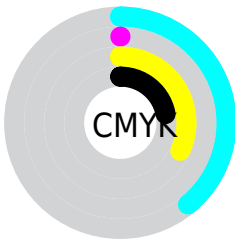
Distribution



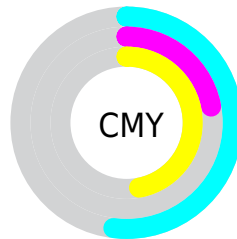
- Red (48%)
- Green (78%)
- Blue (53%)



- Red (48%)
- Yellow (74%)
- Blue (78%)



- Cyan (39%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)





- Cyan (52%)
- Magenta (22%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 44.704, 146.371 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, 44.704, 146.371 by changing the saturation by 10% instead.


 74, 44.704,
146.371


 74, 44.704,
146.371


 100, 44.704,
146.371


 64, 44.704,
146.371


 94, 44.704,
146.371

 54, 44.704,
146.371

 44, 44.704,
146.371

 34, 44.704,
146.371

 24, 44.704,
146.371

 14, 44.704,
146.371

 4, 44.704, 146.371

0, 44.704, 146.371

74, 44.704,
146.371

74, 44.704,
146.371

73, 55.651,
145.239

75, 33.314,
147.354

72, 65.894,
143.953

77, 21.702,
148.203

71, 75.158,
142.524

79, 10.051,
148.945

71, 83.166,
140.995

80, 1.495, 329.340

70, 89.661,
139.444

83, 12.835,
330.055

70, 94.480,
138.023

85, 23.895,
330.534

■ 70, 95.000,
137.873

■ 87, 33.374,
327.838

■ 87, 35.155,
325.647

Harmonies

Complementary

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



74, 44.704, 146.371



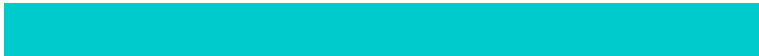
61, 44.773, 331.886

Rectangle

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



74, 44.704, 146.371



74, 44.704, 196.371



74, 44.704, 326.371



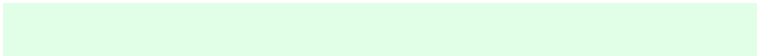
74, 44.704, 16.371

Sweetspot

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



74, 44.705, 146.371



97, 16.988, 148.697



78, 40.561, 113.923



52, 11.276, 148.600



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, 44.705, 146.371



91, 64.470, 145.481



75, 30.165, 169.722



41, 6.551, 148.897



58, 81.584, 138.092



11, 24.493, 146.657

Inverse Universe

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



61, 44.773, 331.886



73, 64.354, 332.413



60, 33.377, 358.210



39, 6.568, 330.002



37, 72.634, 336.230



4, 23.078, 333.527

Previews

White Background



This preview shows how the CIELCh color 74, 44.704, 146.371 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, 44.704, 146.371 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, 44.704, 146.371

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.704, 146.371.

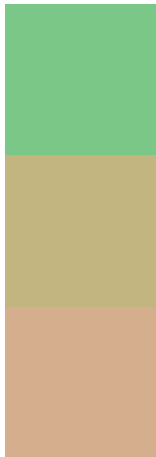


This preview shows how white text looks on a background with the CIELCh color 74, 44.704, 146.371.

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

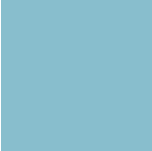
74, 44.704, 146.371

Protanopia

74, 29.515, 95.951

Deuteranopia

74, 23.956, 67.558



Tritanopia
74, 19.141, 223.515

Trichromacy



Original Color
74, 44.704, 146.371



Protanomaly
73, 31.944, 121.812



Deuteranomaly
73, 23.657, 111.779



Tritanomaly
74, 22.712, 179.500

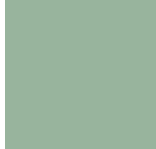
Monochromacy



Original Color
74, 44.704, 146.371



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 16.503, 148.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.704, 146.371 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(122, 199, 135)` looks like.

```
.text, #text, p{  
    color:rgb(122, 199, 135)  
}
```

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(122, 199, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 199, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.704, 146.371 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(122, 199, 135) }
```

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

```
.border{ border-color:rgb(122, 199, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 199, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 199, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 199, 135);  
box-shadow:4px 4px 4px 4px rgb(122, 199,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.704, 146.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 199, 135) }
```

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

```
.background{ background-color: rgb(122,  
199, 135) }
```

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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