

Converting Colors

CIELCh(74, 41.438, 147.577)

Have a look what the booklet for
CIELCh(74, 41.438, 147.577)
contains.

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Color

CIELCh(74, 41.349, 147.763)

Conversions

Conversions Part 1

Format	Color
Hex	7DC68C
RGB	125, 198, 140
RGB Percent	49%, 78%, 55%
CMY	0.5094, 0.2231, 0.4506
CMYK	0.37, 0.00, 0.29, 0.22
HSL	132°, 39%, 63%
HSV	132°, 37%, 78%
XYZ	33.4341, 46.7039, 32.1041
YIQ	169.5610, -24.8900, -33.5140

Conversions

Conversions Part 2

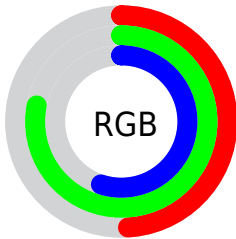
Format	Color
RYB	125, 186, 198
Decimal	8242828
CIELab	74.00, -34.98, 22.06
CIELCh	74, 41.349, 147.763
Yxy	46.7039, 0.2979, 0.4161
Android (android.graphics.Color)	4286432908 (0xFF7DC68C)
YUV	169.5610, -14.5736, -39.0800
Hunter-Lab	68.3403, -32.2679, 19.9857

Details

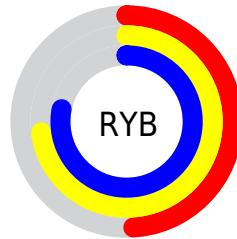
The CIELCh color $74, 41.349, 147.763$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $62, 41.510, 333.122$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 41.206, 147.830$, and $54, 41.762, 147.438$ is the 20% darker color. If you saturate the color by 10%, you get $73, 52.071, 146.641$, and if you desaturate by 10%, it is $75, 30.247, 148.735$.

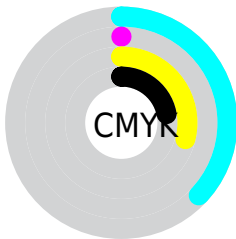
Distribution



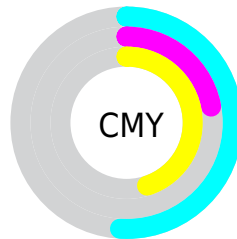
- Red (49%)
- Green (78%)
- Blue (55%)



- Red (49%)
- Yellow (73%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (29%)
- Black (22%)





- Cyan (51%)
- Magenta (22%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 41.349, 147.763 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, 41.349, 147.763 by changing the saturation by 10% instead.


 74, 41.349,
147.763


 74, 41.349,
147.763


 100, 41.349,
147.763


 64, 41.349,
147.763


 94, 41.349,
147.763

 54, 41.349,
147.763

 44, 41.349,
147.763

 34, 41.349,
147.763

 24, 41.349,
147.763

 14, 41.349,
147.763

 4, 41.349, 147.763

■ 0, 41.349, 147.763

■ 74, 41.349,
147.763

■ 74, 41.349,
147.763

■ 73, 52.071,
146.641

■ 75, 30.247,
148.735

■ 72, 62.175,
145.358

■ 77, 18.964,
149.577

■ 71, 71.416,
143.914

■ 79, 7.669, 150.322

■ 71, 79.549,
142.333

■ 81, 3.509, 330.818


■ 70, 86.356,
140.673

■ 83, 14.476,
331.426


■ 70, 91.672,
139.042

■ 85, 25.168,
331.909

■ 86, 33.733,

 70, 93.079,
138.599

328.038

 86, 35.678,
325.665

Harmonies

Complementary

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



74, 41.349, 147.763



62, 41.510, 333.122

Rectangle

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



74, 41.349, 147.763



74, 41.349, 197.763



74, 41.349, 327.763



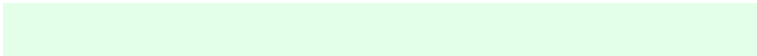
74, 41.349, 17.763

Sweetspot

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



74, 41.350, 147.763



98, 15.157, 150.009



77, 38.710, 115.490



52, 10.192, 149.907



0, 0.000, 0.000



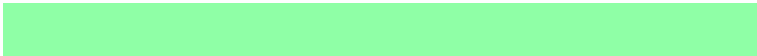
53, 0.007, 296.813

Same Dimension

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



74, 41.350, 147.763



92, 60.181, 146.901



75, 28.013, 172.232



41, 6.380, 150.138



58, 80.143, 138.842



11, 24.047, 147.391

Inverse Universe

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



62, 41.510, 333.122



74, 60.264, 333.676



61, 31.261, 0.273



39, 6.400, 331.273



37, 70.683, 338.372



4, 22.339, 335.293

Previews

White Background



This preview shows how the CIELCh color 74, 41.349, 147.763 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, 41.349, 147.763 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, 41.349, 147.763

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.349, 147.763.

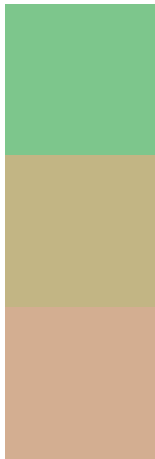


This preview shows how white text looks on a background with the CIELCh color 74, 41.349, 147.763.

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](#).

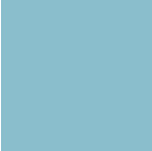
Dichromacy



Original Color
74, 41.349, 147.763

Protanopia
74, 26.836, 96.063

Deuteranopia
74, 21.986, 65.078



Tritanopia
74, 18.618, 224.310

Trichromacy



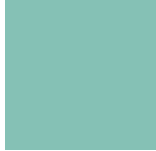
Original Color
74, 41.349, 147.763



Protanomaly
73, 28.720, 122.030



Deuteranomaly
73, 21.511, 111.286

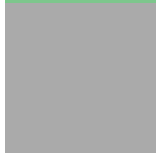


Tritanomaly
74, 21.906, 180.373

Monochromacy



Original Color
74, 41.349, 147.763



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 15.166, 149.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.349, 147.763 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(125, 198, 140)` looks like.

```
.text, #text, p{  
    color:rgb(125, 198, 140)  
}
```

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(125, 198, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 198, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.349, 147.763 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(125, 198, 140) }
```

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

```
.border{ border-color:rgb(125, 198, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 198, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 198, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 198, 140);  
box-shadow:4px 4px 4px 4px rgb(125, 198,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.349, 147.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 198, 140) }
```

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

```
.background{ background-color: rgb(125,  
198, 140) }
```

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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