

Converting Colors

CIELCh(74, 43.979, 137.298)

Have a look what the booklet for
CIELCh(74, 43.979, 137.298)
contains.

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Color

CIELCh(74, 43.941, 137.310)

Conversions

Conversions Part 1

Format	Color
Hex	8BC57E
RGB	139, 197, 126
RGB Percent	55%, 77%, 49%
CMY	0.4564, 0.2290, 0.5073
CMYK	0.29, 0.00, 0.36, 0.23
HSL	109°, 38%, 63%
HSV	109°, 36%, 77%
XYZ	34.2007, 46.7039, 26.8253
YIQ	171.5640, -11.7770, -34.3770

Conversions

Conversions Part 2

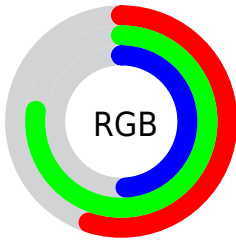
Format	Color
RYB	126, 197, 184
Decimal	9160062
CIELab	74.00, -32.30, 29.79
CIElCh	74, 43.941, 137.310
Yxy	46.7039, 0.3175, 0.4335
Android (android.graphics.Color)	4287350142 (0xFF8BC57E)
YUV	171.5640, -22.4631, -28.5586
Hunter-Lab	68.3403, -30.2658, 24.5654

Details

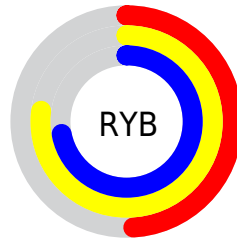
The CIELCh color **74, 43.941, 137.310** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 44.565, 320.916**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 44.109, 137.239**, and **54, 44.107, 137.490** is the 20% darker color. If you saturate the color by 10%, you get **73, 55.667, 136.617**, and if you desaturate by 10%, it is **75, 31.854, 137.957**.

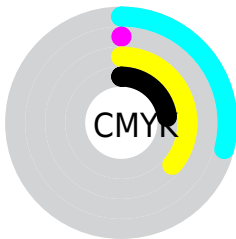
Distribution



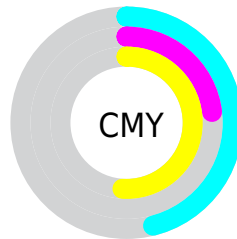
- Red (55%)
- Green (77%)
- Blue (49%)



- Red (49%)
- Yellow (77%)
- Blue (72%)



- Cyan (29%)
- Magenta (0%)
- Yellow (36%)
- Black (23%)





- Cyan (46%)
- Magenta (23%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 43.941, 137.310 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, 43.941, 137.310 by changing the saturation by 10% instead.


 74, 43.941,
137.310


 74, 43.941,
137.310


 100, 43.941,
137.310


 64, 43.941,
137.310


 94, 43.941,
137.310

 54, 43.941,
137.310

 44, 43.941,
137.310

 34, 43.941,
137.310

 24, 43.941,
137.310

 14, 43.941,
137.310

 4, 43.941, 137.310

■ 0, 43.941, 137.310

■ 74, 43.941,
137.310

■ 74, 43.941,
137.310

■ 73, 55.667,
136.617

■ 75, 31.854,
137.957

■ 72, 66.736,
135.914

■ 77, 19.618,
138.541

■ 71, 76.765,
135.270

■ 78, 7.393, 139.070

■ 70, 85.270,
134.791

■ 80, 4.707, 319.440


■ 70, 91.734,
134.605

■ 82, 16.601,
319.854


■ 70, 95.811,
134.801

■ 84, 28.236,
320.186

■ 86, 35.938,

 70, 96.986,
134.884

323.778

 86, 36.625,
325.697

Harmonies

Complementary

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



74, 43.941, 137.310



61, 44.565, 320.916

Rectangle

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



74, 43.941, 137.310



74, 43.941, 187.310



74, 43.941, 317.310



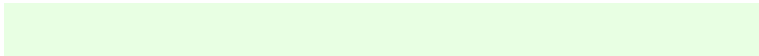
74, 43.941, 7.310

Sweetspot

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



74, 43.942, 137.311



98, 16.518, 138.806



74, 31.404, 97.226



52, 11.107, 138.734



0, 0.000, 0.000



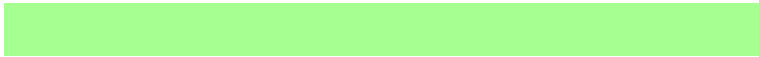
53, 0.007, 296.813

Same Dimension

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



74, 43.942, 137.311



92, 64.291, 136.789



74, 37.013, 151.890



41, 6.953, 138.899



59, 84.338, 134.763



11, 25.268, 139.979

Inverse Universe

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



61, 44.565, 320.916



73, 65.320, 321.219



61, 37.498, 337.682



39, 6.989, 319.718



33, 84.113, 321.368



4, 24.649, 319.187

Previews

White Background



This preview shows how the CIELCh color 74, 43.941, 137.310 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, 43.941, 137.310 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, 43.941, 137.310

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.941, 137.310.



This preview shows how white text looks on a background with the CIELCh color 74, 43.941, 137.310.

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, 43.941, 137.310

Protanopia
74, 33.805, 95.418

Deuteranopia
74, 29.179, 71.752



Tritanopia
74, 14.166, 233.851

Trichromacy



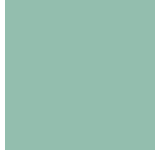
Original Color
74, 43.941, 137.310



Protanomaly
74, 35.290, 114.170



Deuteranomaly
73, 28.432, 103.238

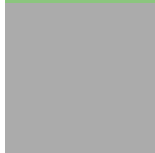


Tritanomaly
74, 17.919, 169.040

Monochromacy



Original Color
74, 43.941, 137.310



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 15.849, 139.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.941, 137.310 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(139, 197, 126)` looks like.

```
.text, #text, p{  
    color:rgb(139, 197, 126)  
}
```

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(139, 197, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 197, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.941, 137.310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

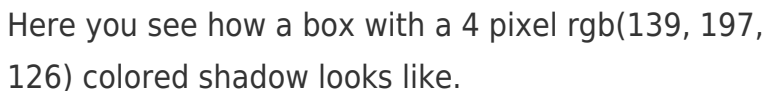
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 197, 126) }
```

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

```
.border{ border-color:rgb(139, 197, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 197, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 197, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 197, 126); box-shadow:4px 4px 4px 4px rgb(139, 197, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.941, 137.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 197, 126) }
```

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

```
.background{ background-color: rgb(139,  
197, 126) }
```

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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