

Converting Colors

CIELCh(74, 7.344, 141.287)

Have a look what the booklet for
CIELCh(74, 7.344, 141.287) contains.

CIELCh(74, 7.521, 139.526)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 7.521, 139.526)

Conversions

Conversions Part 1

Format	Color
Hex	AFB9AD
RGB	175, 185, 173
RGB Percent	69%, 73%, 68%
CMY	0.3146, 0.2754, 0.3224
CMYK	0.05, 0.00, 0.06, 0.28
HSL	110°, 8%, 70%
HSV	110°, 6%, 72%
XYZ	42.4555, 46.7039, 46.2024
YIQ	180.6420, -2.1080, -5.8520

Conversions

Conversions Part 2

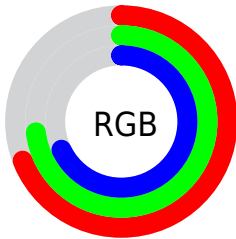
Format	Color
RYB	173, 185, 183
Decimal	11516333
CIELab	74.00, -5.72, 4.88
CIELCh	74, 7.521, 139.526
Yxy	46.7039, 0.3136, 0.3450
Android (android.graphics.Color)	4289706413 (0xFFAFB9AD)
YUV	180.6420, -3.7675, -4.9480
Hunter-Lab	68.3403, -8.7047, 7.7543

Details

The CIELCh color $74, 7.521, 139.526$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 7.556, 320.065$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 7.599, 137.676$, and $54, 7.309, 139.000$ is the 20% darker color. If you saturate the color by 10%, you get $72, 19.209, 138.991$, and if you desaturate by 10%, it is $76, 4.044, 319.901$.

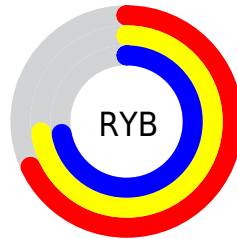
Distribution



Red (69%)

Green (73%)

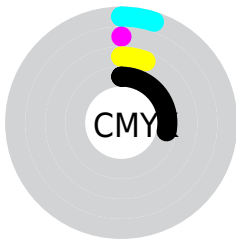
Blue (68%)



Red (68%)

Yellow (73%)

Blue (72%)

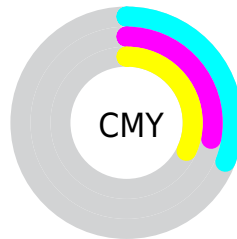


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (28%)



Cyan (31%)

Magenta (28%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 7.521, 139.526 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, 7.521, 139.526 by changing the saturation by 10% instead.

■ 74, 7.521, 139.526

■ 74, 7.521, 139.526

■ 100, 7.521,
139.526

■ 64, 7.521, 139.526

■ 94, 7.521, 139.526

■ 54, 7.521, 139.526

■ 44, 7.521, 139.526

■ 34, 7.521, 139.526

■ 24, 7.521, 139.526

■ 14, 7.521, 139.526

■ 4, 7.521, 139.526

■ 0, 7.521, 139.526

■ 74, 7.521, 139.526

■ 74, 7.521, 139.526

72, 19.209,
138.991

76, 4.044, 319.901

71, 30.903,
138.394

77, 15.414,
320.326

70, 42.448,
137.731

79, 26.534,
320.664

69, 53.634,
137.016

81, 37.372,
320.948

68, 64.179,
136.287

83, 43.463,
324.639

67, 73.715,
135.609

83, 44.002,
325.949

67, 81.781,
135.090

66, 87.888,
134.855

66, 91.733,

134.983

Harmonies

Complementary

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



74, 7.521, 139.526



72, 7.556, 320.065

Rectangle

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



74, 7.521, 139.526



74, 7.521, 189.526



74, 7.521, 319.526



74, 7.521, 9.526

Sweetspot

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



74, 7.523, 139.528



94, 2.847, 139.798



74, 5.434, 101.606



50, 1.617, 139.807



97, 0.011, 296.813



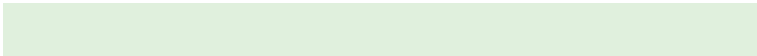
50, 0.007, 296.813

Same Dimension

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



74, 7.523, 139.528



93, 11.462, 139.442



74, 6.254, 155.261



38, 6.541, 139.379



56, 81.565, 134.905



8, 18.179, 141.098

Inverse Universe

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



72, 7.556, 320.065



90, 11.515, 320.144



72, 6.287, 336.063



36, 6.572, 320.201



32, 81.013, 321.973



2, 17.445, 317.690

Previews

White Background



This preview shows how the CIELCh color 74, 7.521, 139.526 looks on a white background.

Color Contrast Check

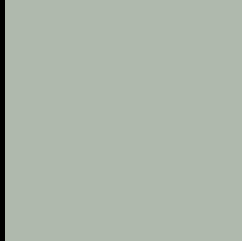
Large Text (above 18pt) WCAG AA × Fail

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, 7.521, 139.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

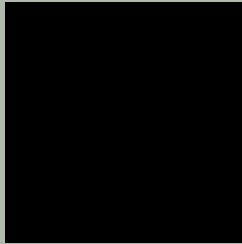
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

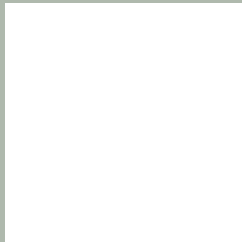
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 7.521, 139.526

Background



This preview shows how black text looks on a background with the CIELCh color 74, 7.521, 139.526.



This preview shows how white text looks on a background with the CIELCh color 74, 7.521, 139.526.

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

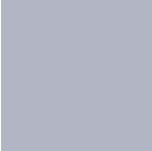
74, 7.521, 139.526

Protanopia

74, 6.007, 83.152

Deuteranopia

74, 10.007, 23.272



Tritanopia
74, 8.180, 283.412

Trichromacy



Original Color
74, 7.521, 139.526

Protanomaly
74, 5.401, 105.612

Deuteranomaly
74, 5.639, 48.211

Tritanomaly
74, 3.701, 261.010

Monochromacy



Original Color
74, 7.521, 139.526

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 3.099, 138.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 7.521, 139.526 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(175, 185, 173)` looks like.

```
.text, #text, p{  
    color:rgb(175, 185, 173)  
}
```

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(175, 185, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 185, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 7.521, 139.526 is called "border". The border property can be set on classes, ids or directly on the HTML element.

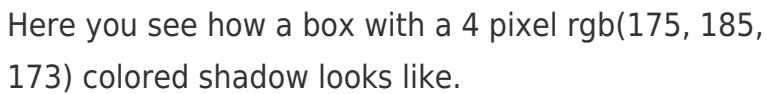
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 185, 173) }
```

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

```
.border{ border-color:rgb(175, 185, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 185, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 185, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 185, 173);  
box-shadow:4px 4px 4px 4px rgb(175, 185,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 7.521, 139.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 185, 173) }
```

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

```
.background{ background-color: rgb(175,  
185, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor