

# Converting Colors

CIELCh(74, 10.595, 143.967)

Have a look what the booklet for  
CIELCh(74, 10.595, 143.967)  
contains.

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# **Color**

**CIELCh(74, 10.582, 143.967)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AABAAA
RGB	170, 186, 170
RGB Percent	67%, 73%, 67%
CMY	0.3324, 0.2696, 0.3324
CMYK	0.09, 0.00, 0.09, 0.27
HSL	120°, 10%, 70%
HSV	120°, 9%, 73%
XYZ	41.5174, 46.7039, 44.9749
YIQ	179.3920, -4.4000, -8.3680

# Conversions

## Conversions Part 2

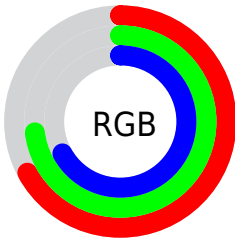
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 186, 186
Decimal	11188906
CIELab	74.00, -8.56, 6.22
CIELCh	74, 10.582, 143.967
Yxy	46.7039, 0.3117, 0.3506
Android (android.graphics.Color)	4289378986 (0xFFAABAAA)
YUV	179.3920, -4.6303, -8.2368
Hunter-Lab	68.3403, -11.1551, 8.8193

# Details

The CIELCh color  $74, 10.582, 143.967$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $71, 10.601, 324.885$ , and the grayscale version is  $73, 0.009, 296.813$ .

A 20% lighter version of the original color is  $94, 10.689, 144.061$ , and  $54, 10.567, 143.812$  is the 20% darker color. If you saturate the color by 10%, you get  $72, 23.014, 143.281$ , and if you desaturate by 10%, it is  $76, 1.726, 324.374$ .

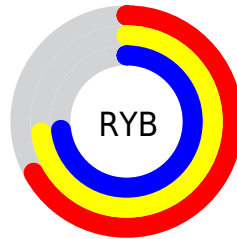
# Distribution



Red (67%)

Green (73%)

Blue (67%)



Red (67%)

Yellow (73%)

Blue (73%)

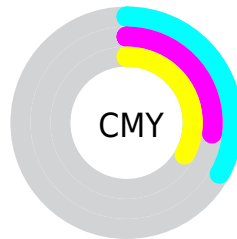


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (27%)



Cyan (33%)

Magenta (27%)


Yellow (33%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 10.582, 143.967 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, 10.582, 143.967 by changing the saturation by 10% instead.





 74, 10.582,  
143.967


 74, 10.582,  
143.967


 100, 10.582,  
143.967


 64, 10.582,  
143.967


 94, 10.582,  
143.967

 54, 10.582,  
143.967

 44, 10.582,  
143.967

 34, 10.582,  
143.967

 24, 10.582,  
143.967

 14, 10.582,  
143.967

 4, 10.582, 143.967

0, 10.582, 143.967

74, 10.582,  
143.967

74, 10.582,  
143.967

72, 23.014,  
143.281

76, 1.726, 324.374

71, 35.398,  
142.489

78, 13.800,  
324.982

70, 47.512,  
141.577

80, 25.563,  
325.399

68, 59.064,  
140.551

82, 36.970,  
325.749

68, 69.690,  
139.441

84, 43.094,  
325.918

67, 78.951,  
138.318

■ 66, 86.358,  
137.296

■ 66, 91.458,  
136.522

■ 66, 94.253,  
136.071

# Harmonies

# Complementary

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



74, 10.582, 143.967



71, 10.601, 324.885

# Rectangle

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



74, 10.582, 143.967



74, 10.582, 193.967



74, 10.582, 323.967



74, 10.582, 13.967

# Sweetspot

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



74, 10.584, 143.967



95, 4.549, 144.339



75, 8.454, 108.675



51, 3.480, 144.279



98, 0.011, 296.813



51, 0.007, 296.813





# Same Dimension

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



74, 10.584, 143.967



93, 15.263, 143.865



74, 7.468, 162.116



39, 7.057, 143.918



57, 83.795, 136.016



9, 21.678, 144.392



# Inverse Universe

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



71, 10.601, 324.885



90, 15.285, 324.974



71, 7.550, 343.412



37, 7.068, 324.928



37, 80.849, 328.233



3, 21.490, 325.460



# Previews

## White Background



This preview shows how the CIELCh color 74, 10.582, 143.967 looks on a white background.

## Color Contrast Check

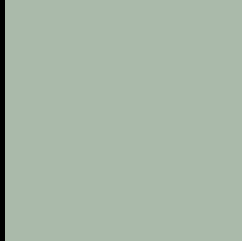
Large Text (above 18pt) WCAG AA × Fail

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, 10.582, 143.967 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

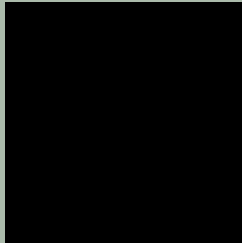
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

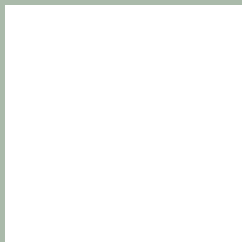
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**CIELCh 74, 10.582, 143.967**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 74, 10.582, 143.967.



This preview shows how white text looks on a background with the CIELCh color 74, 10.582, 143.967.

# 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

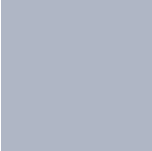


**Original Color**  
74, 10.582, 143.967

**Protanopia**  
74, 8.007, 89.720

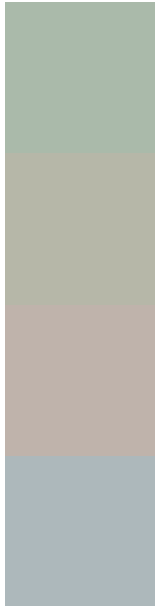
**Deuteranopia**  
74, 10.961, 28.711





**Tritanopia**  
74, 8.448, 273.801

# Trichromacy



**Original Color**  
74, 10.582, 143.967

**Protanomaly**  
74, 8.094, 112.103

**Deuteranomaly**  
74, 6.303, 62.774

**Tritanomaly**  
74, 4.287, 221.517

# Monochromacy



**Original Color**  
74, 10.582, 143.967

**Achromatopsia**  
73, 0.009, 296.813

**Achromatomaly**  
73, 3.964, 144.320

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 74, 10.582, 143.967 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(170, 186, 170)` looks like.

```
.text, #text, p{  
    color:rgb(170, 186, 170)  
}
```

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(170, 186, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 186, 170) }
```

## Border

The CSS property to change the border of an element to CIELCh 74, 10.582, 143.967 is called "border". The border property can be set on classes, ids or directly on the HTML element.

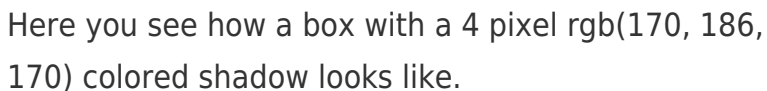
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 186, 170) }
```

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

```
.border{ border-color:rgb(170, 186, 170) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 186, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 186, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 186, 170); box-shadow:4px 4px 4px 4px rgb(170, 186, 170) }
```

# Background

The CSS property to change the background color of an element to CIELCh 74, 10.582, 143.967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 186, 170) }
```

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

```
.background{ background-color: rgb(170,  
186, 170) }
```

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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