

Converting Colors

CIELCh(74, 11.630, 146.896)

Have a look what the booklet for
CIELCh(74, 11.630, 146.896)
contains.

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Color

CIELCh(74, 11.685, 146.834)

Conversions

Conversions Part 1

Format	Color
Hex	A8BBAA
RGB	168, 187, 170
RGB Percent	66%, 73%, 67%
CMY	0.3416, 0.2671, 0.3338
CMYK	0.10, 0.00, 0.09, 0.27
HSL	126°, 12%, 70%
HSV	126°, 10%, 73%
XYZ	41.1168, 46.7039, 44.8232
YIQ	179.3810, -5.8670, -9.3150

Conversions

Conversions Part 2

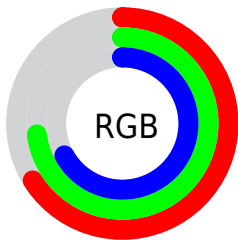
Format	Color
RYB	168, 185, 187
Decimal	11058090
CIELab	74.00, -9.78, 6.39
CIELCh	74, 11.685, 146.834
Yxy	46.7039, 0.3100, 0.3521
Android (android.graphics.Color)	4289248170 (0xFFA8BBAA)
YUV	179.3810, -4.6248, -9.9811
Hunter-Lab	68.3403, -12.2013, 8.9509

Details

The CIELCh color $74, 11.685, 146.834$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 11.710, 327.993$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.739, 146.797$, and $54, 11.740, 146.809$ is the 20% darker color. If you saturate the color by 10%, you get $72, 23.282, 146.106$, and if you desaturate by 10%, it is $76, 0.183, 148.898$.

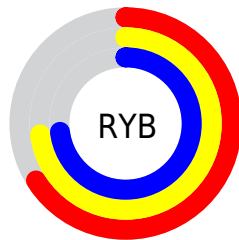
Distribution



Red (66%)

Green (73%)

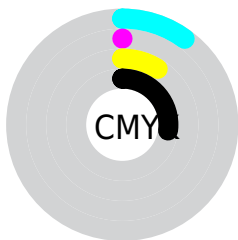
Blue (67%)



Red (66%)

Yellow (73%)

Blue (73%)

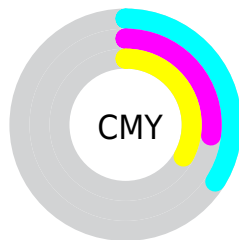


Cyan (10%)

Magenta (0%)

Yellow (9%)

Black (27%)



Cyan (34%)


Magenta (27%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 11.685, 146.834 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, 11.685, 146.834 by changing the saturation by 10% instead.


 74, 11.685,
146.834


 74, 11.685,
146.834


 100, 11.685,
146.834


 64, 11.685,
146.834


 94, 11.685,
146.834

 54, 11.685,
146.834

 44, 11.685,
146.834

 34, 11.685,
146.834

 24, 11.685,
146.834

 14, 11.685,
146.834

 4, 11.685, 146.834

■ 0, 11.685, 146.834

■ 74, 11.685,
146.834

■ 74, 11.685,
146.834

■ 72, 23.282,
146.106

■ 76, 0.183, 148.898

■ 71, 34.817,
145.267

■ 78, 11.122,
327.923

■ 70, 46.096,
144.296

■ 80, 22.152,
328.385

■ 69, 56.875,
143.186

■ 82, 32.863,
328.777

■ 68, 66.871,
141.945

■ 84, 42.067,
326.513

■ 67, 75.766,
140.606

■ 84, 42.693,
325.904

■ 67, 83.224,
139.239

■ 66, 88.924,
137.954

■ 66, 92.674,
136.965

Harmonies

Complementary

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



74, 11.685, 146.834



71, 11.710, 327.993

Rectangle

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



74, 11.685, 146.834



74, 11.685, 196.834



74, 11.685, 326.834



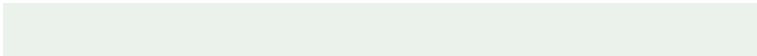
74, 11.685, 16.834

Sweetspot

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



74, 11.687, 146.834



95, 4.230, 147.334



75, 10.229, 113.291



51, 3.236, 147.269



98, 0.011, 296.813



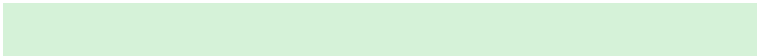
51, 0.007, 296.813

Same Dimension

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



74, 11.687, 146.834



93, 17.051, 146.694



74, 8.160, 168.563



39, 6.562, 146.889



57, 81.602, 137.109



9, 20.601, 146.413

Inverse Universe

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



71, 11.710, 327.993



88, 17.084, 328.114



71, 8.326, 350.284



37, 6.576, 327.944



36, 74.515, 332.861



3, 19.369, 329.506

Previews

White Background



This preview shows how the CIELCh color 74, 11.685, 146.834 looks on a white background.

Color Contrast Check

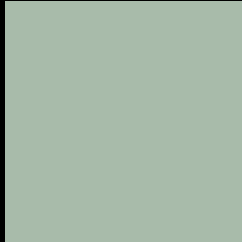
Large Text (above 18pt) WCAG AA × Fail

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, 11.685, 146.834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

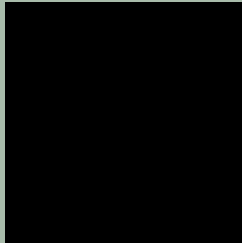
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 11.685, 146.834

Background



This preview shows how black text looks on a background with the CIELCh color 74, 11.685, 146.834.



This preview shows how white text looks on a background with the CIELCh color 74, 11.685, 146.834.

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, 11.685, 146.834

Protanopia

74, 8.007, 89.720

Deuteranopia

74, 10.961, 28.711



Tritanopia
74, 8.444, 263.393

Trichromacy



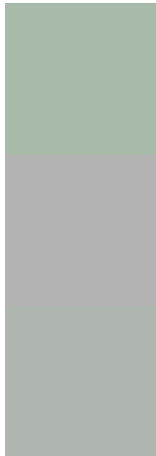
Original Color
74, 11.685, 146.834

Protanomaly
74, 8.126, 114.792

Deuteranomaly
74, 6.025, 65.290

Tritanomaly
74, 4.954, 218.327

Monochromacy



Original Color
74, 11.685, 146.834

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.190, 148.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 11.685, 146.834 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(168, 187, 170)` looks like.

```
.text, #text, p{  
    color:rgb(168, 187, 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(168, 187, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 187, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 11.685, 146.834 is called "border". The border property can be set on classes, ids or directly on the HTML element.

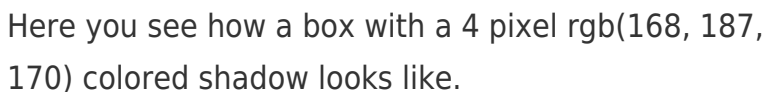
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 187, 170) }
```

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

```
.border{ border-color:rgb(168, 187, 170) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 187, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 187, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 187, 170);  
box-shadow:4px 4px 4px 4px rgb(168, 187,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 11.685, 146.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 187, 170) }
```

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

```
.background{ background-color: rgb(168,  
187, 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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