

Converting Colors

CIELCh(74, 10.732, 150.806)

Have a look what the booklet for
CIELCh(74, 10.732, 150.806)
contains.

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Color

CIELCh(74, 10.836, 150.263)

Conversions

Conversions Part 1

Format	Color
Hex	A8BBAC
RGB	168, 187, 172
RGB Percent	66%, 73%, 67%
CMY	0.3421, 0.2676, 0.3264
CMYK	0.10, 0.00, 0.08, 0.27
HSL	133°, 12%, 70%
HSV	133°, 10%, 73%
XYZ	41.2384, 46.7039, 45.7493
YIQ	179.6090, -6.5090, -8.6930

Conversions

Conversions Part 2

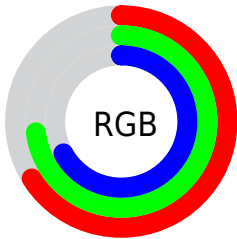
Format	Color
RYB	168, 184, 187
Decimal	11058092
CIELab	74.00, -9.41, 5.37
CIELCh	74, 10.836, 150.263
Yxy	46.7039, 0.3085, 0.3493
Android (android.graphics.Color)	4289248172 (0xFFA8BBAC)
YUV	179.6090, -3.7512, -10.1811
Hunter-Lab	68.3403, -11.8837, 8.1475

Details

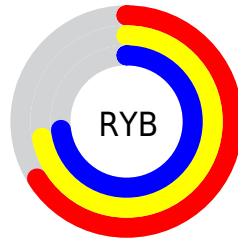
The CIELCh color $74, 10.836, 150.263$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 10.874, 331.505$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 10.930, 150.026$, and $54, 10.838, 150.459$ is the 20% darker color. If you saturate the color by 10%, you get $72, 21.574, 149.493$, and if you desaturate by 10%, it is $76, 0.175, 152.578$.

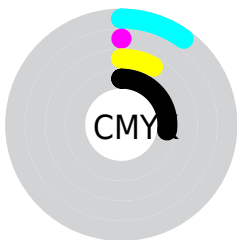
Distribution



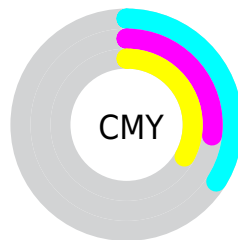
- Red (66%)
- Green (73%)
- Blue (67%)



- Red (66%)
- Yellow (72%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)





- Cyan (34%)
- Magenta (27%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 10.836, 150.263 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, 10.836, 150.263 by changing the saturation by 10% instead.

 74, 10.836,
150.263

 74, 10.836,
150.263


 100, 10.836,
150.263


 64, 10.836,
150.263


 94, 10.836,
150.263

 54, 10.836,
150.263

 44, 10.836,
150.263

 34, 10.836,
150.263

 24, 10.836,
150.263

 14, 10.836,
150.263

 4, 10.836, 150.263

0, 10.836, 150.263

74, 10.836,
150.263

74, 10.836,
150.263

72, 21.574,
149.493

76, 0.175, 152.578

71, 32.251,
148.613

78, 10.315,
331.427

70, 42.700,
147.596

80, 20.563,
331.937

69, 52.721,
146.426

82, 30.525,
332.378

68, 62.089,
145.094

84, 38.904,
330.128

67, 70.573,
143.604

84, 42.776,
325.907

■ 67, 77.951,
141.989

■ 66, 84.032,
140.314

■ 66, 88.690,
138.779

Harmonies

Complementary

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



74, 10.836, 150.263



71, 10.874, 331.505

Rectangle

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



74, 10.836, 150.263



74, 10.836, 200.263



74, 10.836, 330.263



74, 10.836, 20.263

Sweetspot

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



74, 10.838, 150.262



95, 3.924, 150.802



75, 10.316, 117.313



51, 3.002, 150.731



98, 0.011, 296.813



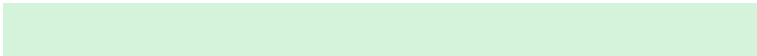
51, 0.007, 296.813

Same Dimension

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



74, 10.838, 150.262



93, 15.811, 150.113



74, 7.655, 175.088



39, 6.086, 150.321



57, 77.997, 139.002



9, 19.551, 148.654

Inverse Universe

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



71, 10.874, 331.505



88, 15.866, 331.638



71, 7.880, 356.866



37, 6.106, 331.451



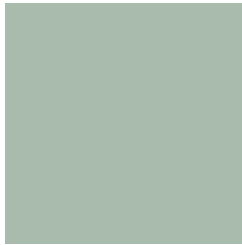
36, 68.821, 338.651



3, 17.447, 334.778

Previews

White Background



This preview shows how the CIELCh color 74, 10.836, 150.263 looks on a white background.

Color Contrast Check

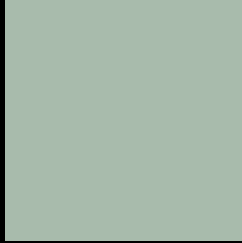
Large Text (above 18pt) WCAG AA × Fail

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, 10.836, 150.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

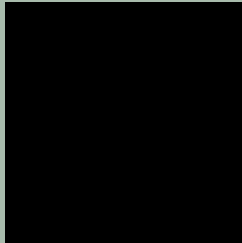
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

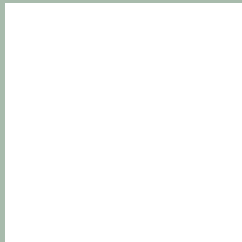
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 10.836, 150.263

Background



This preview shows how black text looks on a background with the CIELCh color 74, 10.836, 150.263.



This preview shows how white text looks on a background with the CIELCh color 74, 10.836, 150.263.

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, 10.836, 150.263

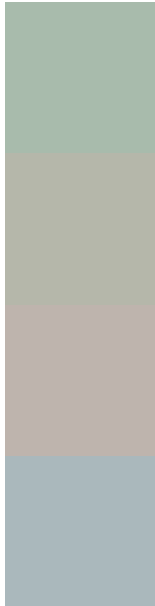
Protanopia
74, 6.995, 86.921

Deuteranopia
74, 10.073, 26.311



Tritanopia
74, 8.444, 263.393

Trichromacy



Original Color
74, 10.836, 150.263

Protanomaly
74, 7.054, 115.693

Deuteranomaly
74, 5.356, 64.304

Tritanomaly
74, 5.460, 222.550

Monochromacy



Original Color
74, 10.836, 150.263

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, 10.836, 150.263 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(168, 187, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 187, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 10.836, 150.263 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, 172) }
```

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

```
.border{ border-color:rgb(168, 187, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 187, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 187, 172);  
box-shadow:4px 4px 4px 4px rgb(168, 187,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 10.836, 150.263 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, 172) }
```

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

```
.background{ background-color: rgb(168,  
187, 172) }
```

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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