

Converting Colors

CIELCh(74, 10.839, 258.120)

Have a look what the booklet for
CIELCh(74, 10.839, 258.120)
contains.

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Color

CIELCh(74, 10.811, 257.791)

Conversions

Conversions Part 1

Format	Color
Hex	A7B8C9
RGB	167, 184, 201
RGB Percent	65%, 72%, 79%
CMY	0.3452, 0.2785, 0.2118
CMYK	0.17, 0.08, 0.00, 0.21
HSL	210°, 24%, 72%
HSV	210°, 17%, 79%
XYZ	43.6105, 46.7039, 61.9646
YIQ	180.8550, -15.5890, 1.6830

Conversions

Conversions Part 2

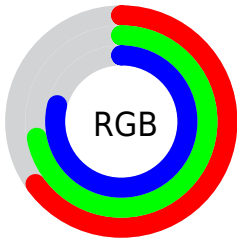
Format	Color
R _Y B	167, 178, 201
Decimal	10991817
CIE Lab	74.00, -2.29, -10.57
CIE LCh	74, 10.811, 257.791
Yxy	46.7039, 0.2864, 0.3067
Android (android.graphics.Color)	4289181897 (0xFFA7B8C9)
YUV	180.8550, 9.9315, -12.1508
Hunter-Lab	68.3403, -5.6881, -5.9204

Details

The CIELCh color `74, 10.811, 257.791` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 11.290, 73.315`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 9.712, 252.060`, and `54, 10.754, 258.501` is the 20% darker color. If you saturate the color by 10%, you get `70, 17.096, 259.506`, and if you desaturate by 10%, it is `78, 4.444, 256.370`.

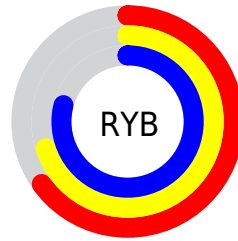
Distribution



Red (65%)

Green (72%)

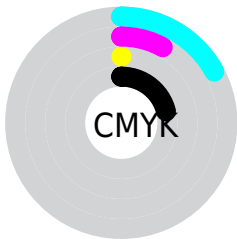
Blue (79%)



Red (65%)

Yellow (70%)

Blue (79%)

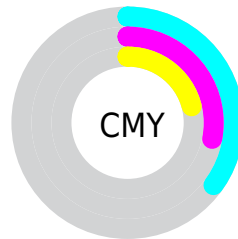


Cyan (17%)

Magenta (8%)

Yellow (0%)

Black (21%)



Cyan (35%)


Magenta (28%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 10.811, 257.791 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, 10.811, 257.791 by changing the saturation by 10% instead.


 74, 10.811,
257.791


 74, 10.811,
257.791


 100, 10.811,
257.791


 64, 10.811,
257.791


 94, 10.811,
257.791

 54, 10.811,
257.791

 44, 10.811,
257.791

 34, 10.811,
257.791

 24, 10.811,
257.791

 14, 10.811,
257.791

 4, 10.811, 257.791

■ 0, 10.811, 257.791

■ 74, 10.811,
257.791

■ 74, 10.811,
257.791

■ 70, 17.096,
259.506

■ 78, 4.444, 256.370

■ 82, 1.977, 74.862

■ 66, 23.278,
261.565

■ 86, 8.428, 73.949

■ 62, 29.340,
264.018

■ 91, 14.888, 73.062

■ 58, 35.281,
266.920

■ 94, 18.810, 84.036

■ 96, 22.400, 98.017

■ 54, 41.126,
270.311

■ 99, 26.916,
107.586

■ 51, 46.933,
274.189

■ 99, 27.242,

■ 47, 52.790,
278.483

108.109

■ 44, 58.797,
283.012

■ 43, 60.705,
284.344

Harmonies

Complementary

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



74, 10.811, 257.791



76, 11.290, 73.315

Rectangle

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



74, 10.811, 257.791



74, 10.811, 307.791



74, 10.811, 77.791



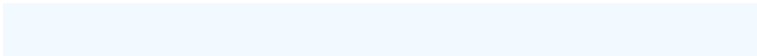
74, 10.811, 127.791

Sweetspot

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



74, 10.810, 257.783



97, 3.902, 256.156



78, 15.643, 161.345



52, 2.661, 256.235



0, 0.000, 0.000



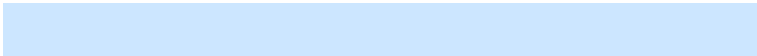
53, 0.007, 296.813

Same Dimension

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



74, 10.810, 257.783



90, 15.475, 258.328



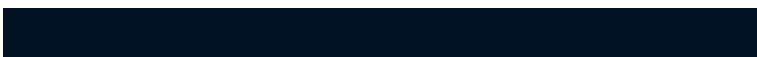
70, 18.349, 291.383



40, 3.608, 256.685



35, 51.235, 283.606



5, 14.018, 270.303

Inverse Universe

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



72, 15.782, 345.084



87, 22.705, 345.411



80, 17.677, 107.859



39, 5.202, 344.381



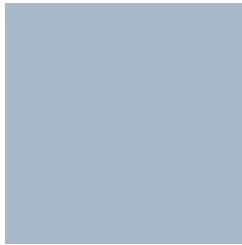
35, 60.737, 1.555



4, 17.858, 352.979

Previews

White Background



This preview shows how the CIELCh color 74, 10.811, 257.791 looks on a white background.

Color Contrast Check

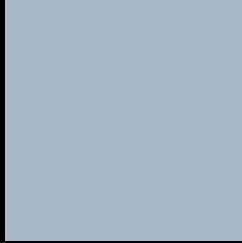
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 10.811, 257.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

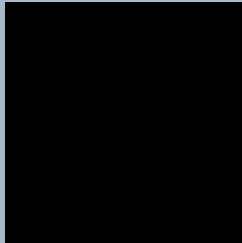
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

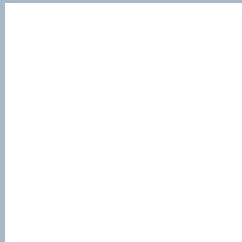
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 10.811, 257.791

Background



This preview shows how black text looks on a background with the CIELCh color 74, 10.811, 257.791.



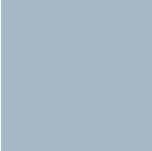
This preview shows how white text looks on a background with the CIELCh color 74, 10.811, 257.791.

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





Tritanopia
74, 9.943, 254.139

Trichromacy



Original Color
74, 10.811, 257.791

Protanomaly
74, 10.469, 279.480

Deuteranomaly
74, 11.958, 294.713

Tritanomaly
74, 10.372, 256.039

Monochromacy



Original Color
74, 10.811, 257.791

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.886, 256.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 10.811, 257.791 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(167, 184, 201)` looks like.

```
.text, #text, p{  
    color:rgb(167, 184, 201)  
}
```

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(167, 184, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 184, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 10.811, 257.791 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(167, 184, 201) }
```

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

```
.border{ border-color:rgb(167, 184, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 184, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 184, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 184, 201);  
box-shadow:4px 4px 4px 4px rgb(167, 184,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 10.811, 257.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 184, 201) }
```

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

```
.background{ background-color: rgb(167,  
184, 201) }
```

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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