

Converting Colors

CIELCh(74, 8.941, 257.365)

Have a look what the booklet for
CIELCh(74, 8.941, 257.365) contains.

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Color

CIELCh(74, 8.941, 257.364)

Conversions

Conversions Part 1

Format	Color
Hex	AAB8C6
RGB	170, 184, 198
RGB Percent	67%, 72%, 78%
CMY	0.3347, 0.2798, 0.2249
CMYK	0.14, 0.07, 0.00, 0.22
HSL	210°, 20%, 72%
HSV	210°, 14%, 78%
XYZ	43.7226, 46.7039, 59.9214
YIQ	181.4100, -12.8380, 1.3860

Conversions

Conversions Part 2

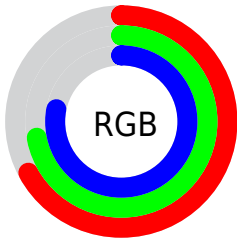
Format	Color
R_{YB}	170, 179, 198
Decimal	11188422
CIE Lab	74.00, -1.96, -8.72
CIE LCh	74, 8.941, 257.364
Yxy	46.7039, 0.2908, 0.3106
Android (android.graphics.Color)	4289378502 (0xFFAAB8C6)
YUV	181.4100, 8.1789, -10.0066
Hunter-Lab	68.3403, -5.3950, -4.1478

Details

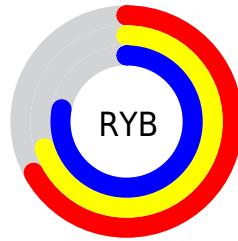
The CIELCh color $74, 8.941, 257.364$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 9.263, 73.646$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.145, 257.045$, and $54, 8.789, 257.899$ is the 20% darker color. If you saturate the color by 10%, you get $70, 15.165, 258.990$, and if you desaturate by 10%, it is $78, 2.643, 256.057$.

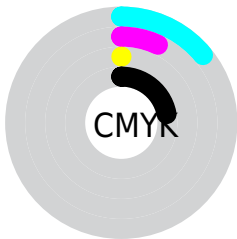
Distribution



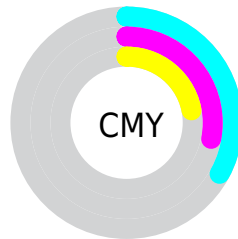
- Red (67%)
- Green (72%)
- Blue (78%)



- Red (67%)
- Yellow (70%)
- Blue (78%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 8.941, 257.364 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, 8.941, 257.364 by changing the saturation by 10% instead.

■ 74, 8.941, 257.364

■ 74, 8.941, 257.364

■ 100, 8.941,
257.364

■ 64, 8.941, 257.364

■ 94, 8.941, 257.364

■ 54, 8.941, 257.364

■ 44, 8.941, 257.364

■ 34, 8.941, 257.364

■ 24, 8.941, 257.364

■ 14, 8.941, 257.364

■ 4, 8.941, 257.364

■ 0, 8.941, 257.364

■ 74, 8.941, 257.364

■ 74, 8.941, 257.364

70, 15.165,
258.990

78, 2.643, 256.057

66, 21.293,
260.948

82, 3.701, 74.638

62, 27.307,
263.282

86, 10.069, 73.690

58, 33.199,
266.049

90, 16.441, 72.835

55, 38.987,
269.297

93, 20.042, 84.033

51, 44.717,
273.037

96, 23.517, 97.116

48, 50.470,
277.220

98, 27.869,
106.344

44, 56.342,
281.711

43, 59.877,

284.285

Harmonies

Complementary

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



74, 8.941, 257.364



75, 9.263, 73.646

Rectangle

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



74, 8.941, 257.364



74, 8.941, 307.364



74, 8.941, 77.364



74, 8.941, 127.364

Sweetspot

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



74, 8.940, 257.354



98, 3.125, 256.048



77, 12.921, 161.604



52, 2.219, 256.124



0, 0.000, 0.000



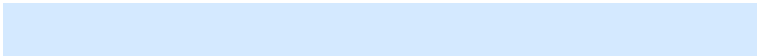
53, 0.007, 296.813

Same Dimension

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



74, 8.940, 257.354



92, 13.176, 257.828



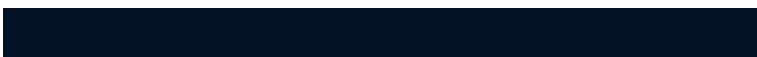
70, 15.069, 291.041



40, 3.607, 256.680



35, 51.230, 283.601



5, 14.017, 270.299

Inverse Universe

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



72, 12.996, 344.819



89, 19.246, 345.112



79, 14.608, 108.131



39, 5.202, 344.378



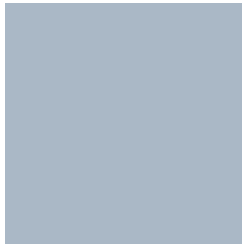
35, 60.737, 1.550



4, 17.858, 352.976

Previews

White Background



This preview shows how the CIELCh color 74, 8.941, 257.364 looks on a white background.

Color Contrast Check

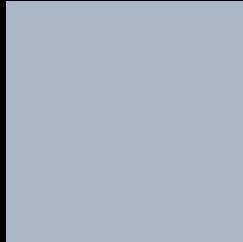
Large Text (above 18pt) WCAG AA × Fail

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, 8.941, 257.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

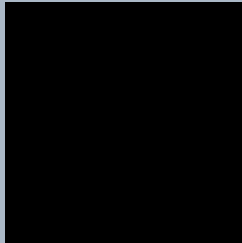
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

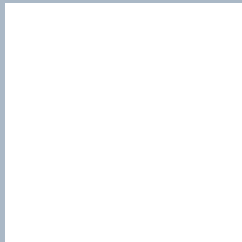
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 8.941, 257.364

Background



This preview shows how black text looks on a background with the CIELCh color 74, 8.941, 257.364.

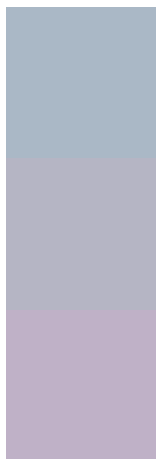


This preview shows how white text looks on a background with the CIELCh color 74, 8.941, 257.364.

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, 8.941, 257.364

Protanopia

74, 8.127, 290.957

Deuteranopia

74, 13.020, 314.132



Tritanopia
74, 8.941, 257.364

Trichromacy



Original Color
74, 8.941, 257.364

Protanomaly
74, 8.282, 278.512

Deuteranomaly
74, 10.967, 298.709

Tritanomaly
74, 8.941, 257.364

Monochromacy



Original Color
74, 8.941, 257.364

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.244, 256.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 8.941, 257.364 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, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(170, 184, 198)  
}
```

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, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 184, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 8.941, 257.364 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, 184, 198) }
```

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

```
.border{ border-color:rgb(170, 184, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 184, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 184, 198);  
box-shadow:4px 4px 4px 4px rgb(170, 184,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 8.941, 257.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 184, 198) }
```

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

```
.background{ background-color: rgb(170,  
184, 198) }
```

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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