

Converting Colors

CIELCh(74, 14.646, 242.816)

Have a look what the booklet for
CIELCh(74, 14.646, 242.816)
contains.

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Color

CIELCh(74, 14.561, 241.001)

Conversions

Conversions Part 1

Format	Color
Hex	9ABBCD
RGB	154, 187, 205
RGB Percent	60%, 73%, 80%
CMY	0.3968, 0.2674, 0.1969
CMYK	0.25, 0.09, 0.00, 0.20
HSL	201°, 34%, 70%
HSV	201°, 25%, 80%
XYZ	42.0112, 46.7039, 64.4293
YIQ	179.1850, -25.4460, -1.3980

Conversions

Conversions Part 2

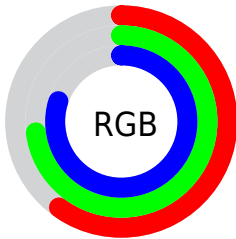
Format	Color
RYB	154, 174, 205
Decimal	10140621
CIELab	74.00, -7.06, -12.74
CIELCh	74, 14.561, 241.001
Yxy	46.7039, 0.2743, 0.3050
Android (android.graphics.Color)	4288330701 (0xFF9ABBCD)
YUV	179.1850, 12.7268, -22.0872
Hunter-Lab	68.3403, -9.8651, -8.0587

Details

The CIELCh color $74, 14.561, 241.001$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $73, 16.555, 56.018$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 12.728, 227.983$, and $54, 14.533, 241.259$ is the 20% darker color. If you saturate the color by 10%, you get $71, 19.923, 242.627$, and if you desaturate by 10%, it is $77, 8.892, 239.692$.

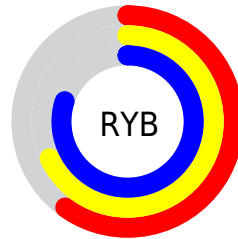
Distribution



Red (60%)

Green (73%)

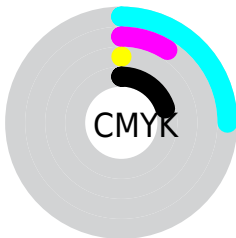
Blue (80%)



Red (60%)

Yellow (68%)

Blue (80%)

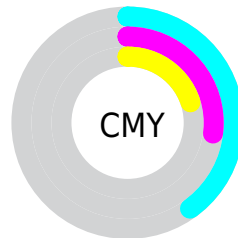


Cyan (25%)

Magenta (9%)

Yellow (0%)

Black (20%)



Cyan (40%)


Magenta (27%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 14.561, 241.001 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, 14.561, 241.001 by changing the saturation by 10% instead.


 74, 14.561,
241.001


 74, 14.561,
241.001


 100, 14.561,
241.001


 64, 14.561,
241.001


 94, 14.561,
241.001

 54, 14.561,
241.001

 44, 14.561,
241.001

 34, 14.561,
241.001

 24, 14.561,
241.001

 14, 14.561,
241.001

 4, 14.561, 241.001

0, 14.561, 241.001

74, 14.561,
241.001

74, 14.561,
241.001

71, 19.923,
242.627

77, 8.892, 239.692

81, 2.977, 238.729

68, 24.922,
244.654

84, 3.131, 57.542

65, 29.512,
247.158

88, 9.385, 56.936

62, 33.673,
250.221

91, 15.369, 57.386

93, 16.104, 73.507

59, 37.423,
253.910

95, 17.967, 87.161

57, 40.842,
258.244

96, 20.638, 97.681

■ 54, 44.072,
263.151

■ 98, 23.832,
105.506

■ 53, 45.746,
265.702

Harmonies

Complementary

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



74, 14.561, 241.001



73, 16.555, 56.018

Rectangle

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



74, 14.561, 241.001



74, 14.561, 291.001



74, 14.561, 61.001



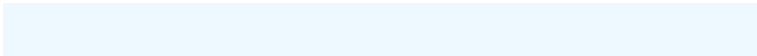
74, 14.561, 111.001

Sweetspot

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



74, 14.560, 240.995



97, 5.062, 238.895



78, 25.847, 154.376



52, 3.285, 238.948



0, 0.000, 0.000



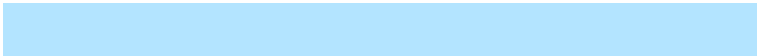
53, 0.007, 296.813

Same Dimension

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



74, 14.560, 240.995



88, 20.694, 241.846



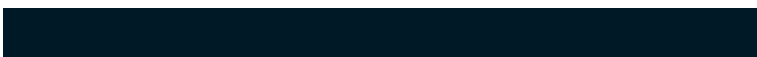
67, 24.017, 286.494



41, 3.408, 239.106



43, 38.702, 264.852



7, 12.656, 253.240

Inverse Universe

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



69, 26.143, 338.383



81, 37.643, 338.853



79, 23.135, 100.492



40, 5.883, 337.143



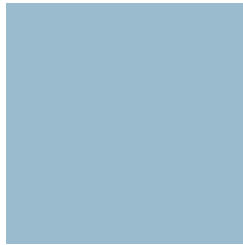
36, 64.900, 348.738



4, 21.828, 344.076

Previews

White Background



This preview shows how the CIELCh color 74, 14.561, 241.001 looks on a white background.

Color Contrast Check

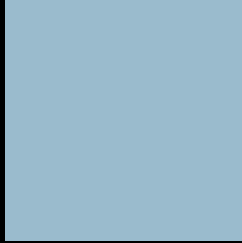
Large Text (above 18pt) WCAG AA × Fail

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, 14.561, 241.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

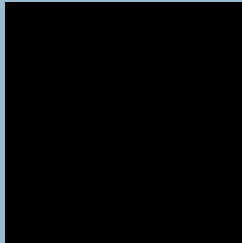
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

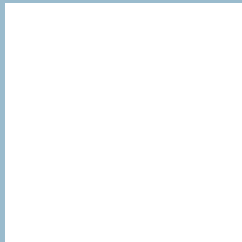
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 14.561, 241.001

Background



This preview shows how black text looks on a background with the CIELCh color 74, 14.561, 241.001.



This preview shows how white text looks on a background with the CIELCh color 74, 14.561, 241.001.

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, 14.561, 241.001

Protanopia

74, 11.385, 289.482

Deuteranopia

74, 16.716, 303.884



Tritanopia
74, 13.908, 234.620

Trichromacy



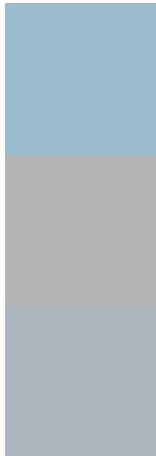
Original Color
74, 14.561, 241.001

Protanomaly
74, 11.520, 269.877

Deuteranomaly
74, 13.658, 282.665

Tritanomaly
74, 14.190, 236.543

Monochromacy



Original Color
74, 14.561, 241.001

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 5.365, 236.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 14.561, 241.001 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(154, 187, 205)` looks like.

```
.text, #text, p{  
    color:rgb(154, 187, 205)  
}
```

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(154, 187, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 187, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 14.561, 241.001 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(154, 187, 205) }
```

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

```
.border{ border-color:rgb(154, 187, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 187, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 187, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 187, 205);  
box-shadow:4px 4px 4px 4px rgb(154, 187,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 14.561, 241.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 187, 205) }
```

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

```
.background{ background-color: rgb(154,  
187, 205) }
```

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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