

Converting Colors

CIELCh(74, 11.389, 231.047)

Have a look what the booklet for
CIELCh(74, 11.389, 231.047)
contains.

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Color

CIELCh(74, 11.524, 230.010)

Conversions

Conversions Part 1

Format	Color
Hex	9EBBC6
RGB	158, 187, 198
RGB Percent	62%, 73%, 78%
CMY	0.3816, 0.2679, 0.2248
CMYK	0.20, 0.06, 0.00, 0.22
HSL	196°, 26%, 70%
HSV	196°, 20%, 78%
XYZ	41.8966, 46.7039, 60.0364
YIQ	179.5830, -20.8150, -2.7270

Conversions

Conversions Part 2

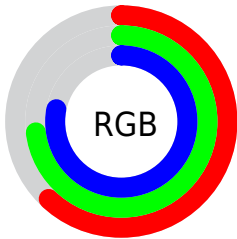
Format	Color
RYB	158, 175, 198
Decimal	10402758
CIELab	74.00, -7.41, -8.83
CIElCh	74, 11.524, 230.010
Yxy	46.7039, 0.2819, 0.3142
Android (android.graphics.Color)	4288592838 (0xFF9EBBC6)
YUV	179.5830, 9.0796, -18.9283
Hunter-Lab	68.3403, -10.1647, -4.2476

Details

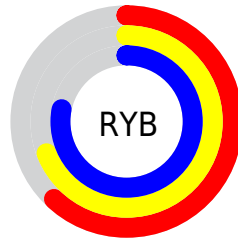
The CIELCh color $74, 11.524, 230.010$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $71, 13.011, 47.407$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.629, 231.105$, and $54, 11.445, 228.965$ is the 20% darker color. If you saturate the color by 10%, you get $71, 16.723, 231.075$, and if you desaturate by 10%, it is $77, 5.972, 229.203$.

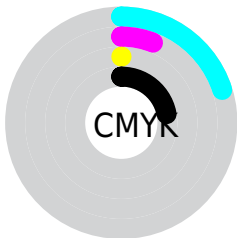
Distribution



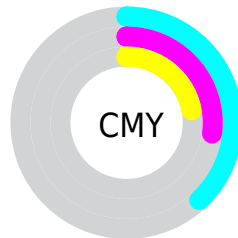
- Red (62%)
- Green (73%)
- Blue (78%)



- Red (62%)
- Yellow (69%)
- Blue (78%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)





- Cyan (38%)
- Magenta (27%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 11.524, 230.010 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, 11.524, 230.010 by changing the saturation by 10% instead.


 74, 11.524,
230.010


 74, 11.524,
230.010


 100, 11.524,
230.010


 64, 11.524,
230.010


 94, 11.524,
230.010

 54, 11.524,
230.010

 44, 11.524,
230.010

 34, 11.524,
230.010

 24, 11.524,
230.010

 14, 11.524,
230.010

 4, 11.524, 230.010

0, 11.524, 230.010

74, 11.524,
230.010

74, 11.524,
230.010

71, 16.723,
231.075

77, 5.972, 229.203

69, 21.495,
232.465

80, 0.140, 232.123

83, 5.909, 47.887

66, 25.767,
234.245

86, 12.122, 47.555

64, 29.480,
236.502

89, 17.920, 48.125

90, 17.738, 58.956

62, 32.605,
239.328

91, 18.201, 69.589

60, 35.162,
242.805

93, 19.256, 79.335

■ 58, 37.241,
246.972

■ 94, 20.808, 87.804

■ 56, 39.024,
251.545

Harmonies

Complementary

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



74, 11.524, 230.010



71, 13.011, 47.407

Rectangle

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



74, 11.524, 230.010



74, 11.524, 280.010



74, 11.524, 50.010



74, 11.524, 100.010

Sweetspot

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



74, 11.524, 230.002



98, 4.347, 228.971



76, 21.736, 151.501



52, 2.879, 229.001



0, 0.000, 0.000



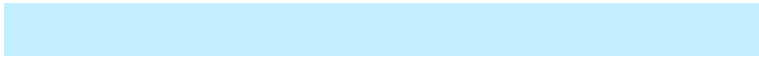
53, 0.007, 296.813

Same Dimension

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



74, 11.524, 230.002



92, 16.619, 230.411



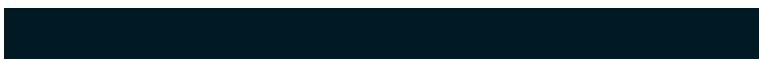
69, 17.078, 281.023



41, 3.334, 229.149



47, 33.676, 250.790



8, 11.224, 240.247

Inverse Universe

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



69, 21.753, 334.656



85, 31.764, 334.959



76, 16.798, 95.935



39, 6.091, 333.881



36, 67.312, 342.897



4, 21.014, 339.069

Previews

White Background



This preview shows how the CIE LCh color 74, 11.524, 230.010 looks on a white background.

Color Contrast Check

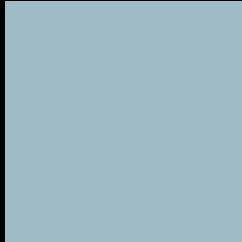
Large Text (above 18pt) WCAG AA × Fail

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, 11.524, 230.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

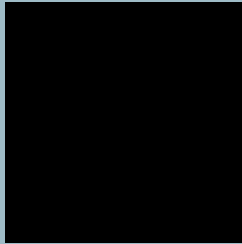
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

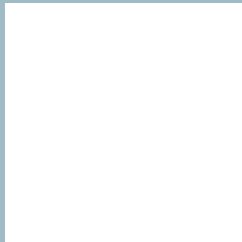
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 11.524, 230.010

Background



This preview shows how black text looks on a background with the CIELCh color 74, 11.524, 230.010.

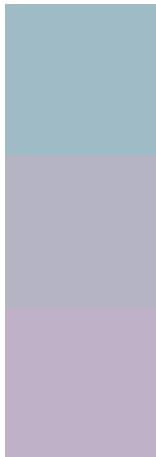


This preview shows how white text looks on a background with the CIELCh color 74, 11.524, 230.010.

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, 11.524, 230.010

Protanopia
74, 7.607, 293.630

Deuteranopia
74, 13.518, 313.243



Tritanopia

74, 12.400, 239.967

Trichromacy



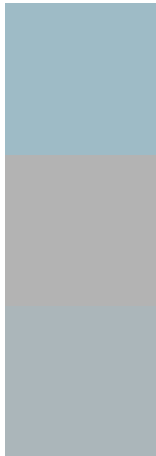
Original Color
74, 11.524, 230.010

Protanomaly
74, 7.678, 266.139

Deuteranomaly
74, 9.765, 286.927

Tritanomaly
74, 12.087, 237.863

Monochromacy



Original Color
74, 11.524, 230.010

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.510, 228.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 11.524, 230.010 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(158, 187, 198)` looks like.

```
.text, #text, p{  
    color:rgb(158, 187, 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(158, 187, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 187, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 11.524, 230.010 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(158, 187, 198) }
```

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

```
.border{ border-color:rgb(158, 187, 198) }
```

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

Here you see how a box with a 4 pixel rgb(158, 187, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 187, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 187, 198);  
box-shadow:4px 4px 4px 4px rgb(158, 187,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 11.524, 230.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 187, 198) }
```

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

```
.background{ background-color: rgb(158,  
187, 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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