

Converting Colors

CIELCh(74, 5.683, 226.593)

Have a look what the booklet for
CIELCh(74, 5.683, 226.593) contains.

CIELCh(74, 5.675, 227.694)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 5.675, 227.694)

Conversions

Conversions Part 1

Format	Color
Hex	AAB8BD
RGB	170, 184, 189
RGB Percent	67%, 72%, 74%
CMY	0.3320, 0.2770, 0.2574
CMYK	0.10, 0.03, 0.00, 0.26
HSL	196°, 13%, 71%
HSV	196°, 10%, 74%
XYZ	43.0923, 46.7039, 55.0916
YIQ	180.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

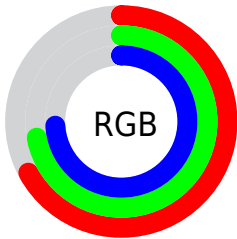
Format	Color
RYB	170, 178, 189
Decimal	11188413
CIELab	74.00, -3.82, -4.20
CIELCh	74, 5.675, 227.694
Yxy	46.7039, 0.2974, 0.3223
Android (android.graphics.Color)	4289378493 (0xFFAAB8BD)
YUV	180.3840, 4.2477, -9.1068
Hunter-Lab	68.3403, -7.0415, 0.0424

Details

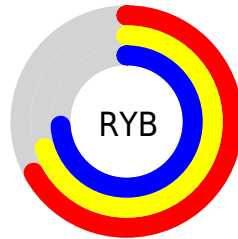
The CIELCh color `74, 5.675, 227.694` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 6.011, 46.439`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 5.732, 225.946`, and `54, 5.659, 229.754` is the 20% darker color. If you saturate the color by 10%, you get `71, 11.048, 228.405`, and if you desaturate by 10%, it is `77, 0.026, 246.503`.

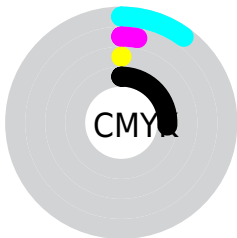
Distribution



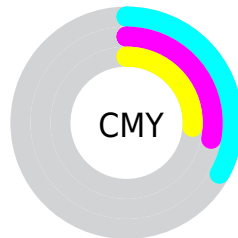
- Red (67%)
- Green (72%)
- Blue (74%)



- Red (67%)
- Yellow (70%)
- Blue (74%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (33%)
- Magenta (28%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.675, 227.694 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, 5.675, 227.694 by changing the saturation by 10% instead.

 74, 5.675, 227.694

 74, 5.675, 227.694

 100, 5.675,
227.694

 64, 5.675, 227.694

 94, 5.675, 227.694

 54, 5.675, 227.694

 44, 5.675, 227.694

 34, 5.675, 227.694

 24, 5.675, 227.694

 14, 5.675, 227.694

 4, 5.675, 227.694

 0, 5.675, 227.694

 74, 5.675, 227.694

 74, 5.675, 227.694

71, 11.048,
228.405

77, 0.026, 246.503

69, 16.073,
229.398

80, 5.840, 46.471

66, 20.676,
230.696

82, 11.867, 46.186

64, 24.782,
232.368

87, 20.671, 50.324

62, 28.332,
234.499

89, 20.543, 58.899

60, 31.293,
237.180

90, 20.885, 67.366

58, 33.679,
240.495

91, 21.670, 75.365

56, 35.566,
244.495

92, 22.849, 82.640

54, 37.165,

Harmonies

Complementary

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



74, 5.675, 227.694



73, 6.011, 46.439

Rectangle

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



74, 5.675, 227.694



74, 5.675, 277.694



74, 5.675, 47.694



74, 5.675, 97.694

Sweetspot

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



74, 5.675, 227.675



96, 2.141, 227.446



75, 10.506, 151.694



52, 1.633, 227.432



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 5.675, 227.675



93, 8.386, 227.810



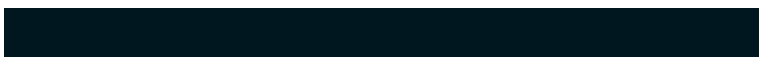
72, 7.927, 278.493



39, 3.200, 227.636



46, 32.378, 248.284



6, 9.519, 239.471

Inverse Universe

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



72, 10.452, 333.459



90, 15.546, 333.610



75, 7.865, 96.036



37, 5.882, 333.411



35, 66.319, 342.033



3, 16.613, 337.688

Previews

White Background



This preview shows how the CIELCh color 74, 5.675, 227.694 looks on a white background.

Color Contrast Check

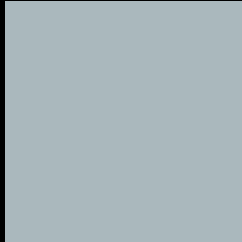
Large Text (above 18pt) WCAG AA × Fail

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, 5.675, 227.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

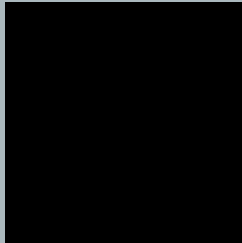
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

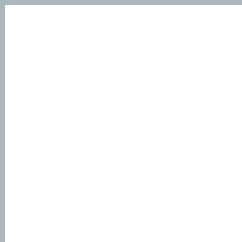
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 5.675, 227.694

Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.675, 227.694.



This preview shows how white text looks on a background with the CIELCh color 74, 5.675, 227.694.

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, 5.675, 227.694

Protanopia

74, 3.348, 303.202

Deuteranopia

74, 10.785, 331.478



Tritanopia
74, 8.923, 265.098

Trichromacy



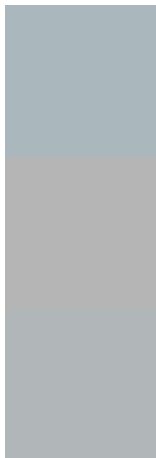
Original Color
74, 5.675, 227.694

Protanomaly
74, 3.543, 266.177

Deuteranomaly
74, 6.528, 313.897

Tritanomaly
74, 7.693, 257.095

Monochromacy



Original Color
74, 5.675, 227.694

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.122, 230.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 5.675, 227.694 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(170, 184, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 184, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 5.675, 227.694 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, 189) }
```

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

```
.border{ border-color:rgb(170, 184, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 184, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 184, 189);  
box-shadow:4px 4px 4px 4px rgb(170, 184,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 5.675, 227.694 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, 189) }
```

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

```
.background{ background-color: rgb(170,  
184, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor