

Converting Colors

CIELCh(74, 14.292, 181.420)

Have a look what the booklet for
CIELCh(74, 14.292, 181.420)
contains.

CIELCh(74, 14.331, 180.659)	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, 14.331, 180.659)

Conversions

Conversions Part 1

Format	Color
Hex	98BEB6
RGB	152, 190, 182
RGB Percent	60%, 75%, 71%
CMY	0.4051, 0.2561, 0.2875
CMYK	0.20, 0.00, 0.04, 0.26
HSL	167°, 23%, 67%
HSV	167°, 20%, 74%
XYZ	39.6508, 46.7039, 51.0149
YIQ	177.7260, -20.0800, -10.5440

Conversions

Conversions Part 2

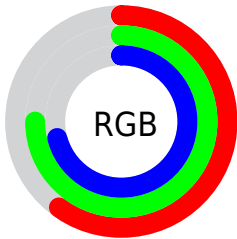
Format	Color
RYB	152, 173, 190
Decimal	10010294
CIELab	74.00, -14.33, -0.16
CIElCh	74, 14.331, 180.659
Yxy	46.7039, 0.2886, 0.3400
Android (android.graphics.Color)	4288200374 (0xFF98BEB6)
YUV	177.7260, 2.1071, -22.5617
Hunter-Lab	68.3403, -16.0303, 3.5792

Details

The CIELCh color **74, 14.331, 180.659** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 15.489, 4.456**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 14.063, 181.453**, and **54, 14.688, 179.592** is the 20% darker color. If you saturate the color by 10%, you get **73, 21.053, 179.653**, and if you desaturate by 10%, it is **75, 7.284, 181.623**.

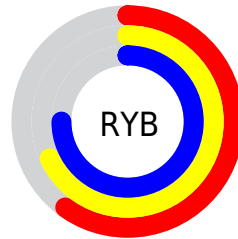
Distribution



Red (60%)

Green (75%)

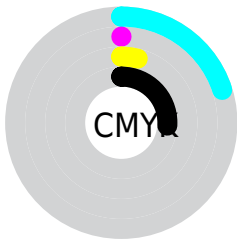
Blue (71%)



Red (60%)

Yellow (68%)

Blue (75%)

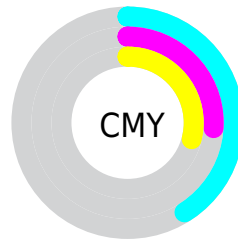


Cyan (20%)

Magenta (0%)

Yellow (4%)

Black (26%)



Cyan (41%)


Magenta (26%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 14.331, 180.659 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, 14.331, 180.659 by changing the saturation by 10% instead.

 74, 14.331,
180.659

 74, 14.331,
180.659

 100, 14.331,
180.659


 64, 14.331,
180.659


 94, 14.331,
180.659

 54, 14.331,
180.659

 44, 14.331,
180.659

 34, 14.331,
180.659

 24, 14.331,
180.659

 14, 14.331,
180.659

 4, 14.331, 180.659

■ 0, 14.331, 180.659

■ 74, 14.331,
180.659

■ 74, 14.331,
180.659

■ 73, 21.053,
179.653

■ 75, 7.284, 181.623

■ 72, 27.328,
178.588

■ 77, 0.019, 208.662

■ 79, 7.374, 3.229

■ 71, 33.035,
177.439

■ 80, 14.813, 4.080

■ 70, 38.063,
176.187

■ 82, 22.239, 4.879

■ 83, 25.781, 2.711

■ 70, 42.326,
174.806

■ 83, 26.361,
358.324

■ 69, 45.778,
173.275

■ 83, 27.100,

■ 69, 48.434,
171.575

354.162

■ 69, 50.472,
169.752

■ 83, 27.983,
350.254

Harmonies

Complementary

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



74, 14.331, 180.659



66, 15.489, 4.456

Rectangle

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



74, 14.331, 180.659



74, 14.331, 230.659



74, 14.331, 0.659



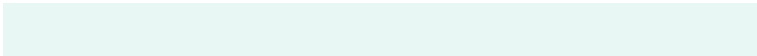
74, 14.331, 50.659

Sweetspot

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



74, 14.332, 180.655



96, 5.429, 182.020



74, 23.482, 137.349



52, 3.628, 181.950



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, 14.332, 180.655



93, 21.131, 180.224



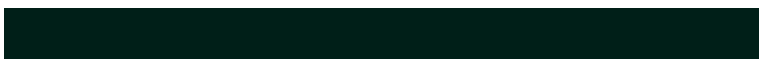
71, 11.033, 231.094



39, 4.102, 181.689



58, 43.945, 170.036



9, 13.251, 175.383

Inverse Universe

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



66, 15.489, 4.456



82, 23.257, 5.003



69, 12.413, 48.375



37, 4.250, 3.254



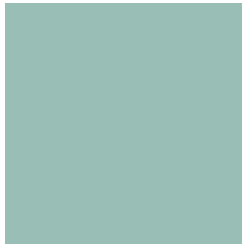
33, 64.188, 27.926



3, 12.558, 7.465

Previews

White Background



This preview shows how the CIELCh color 74, 14.331, 180.659 looks on a white background.

Color Contrast Check

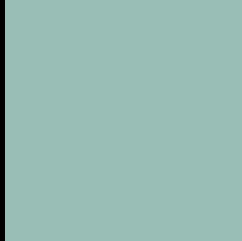
Large Text (above 18pt) WCAG AA × Fail

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, 14.331, 180.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

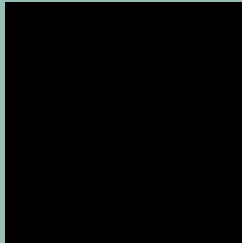
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

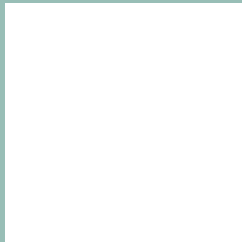
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 14.331, 180.659

Background



This preview shows how black text looks on a background with the CIELCh color 74, 14.331, 180.659.

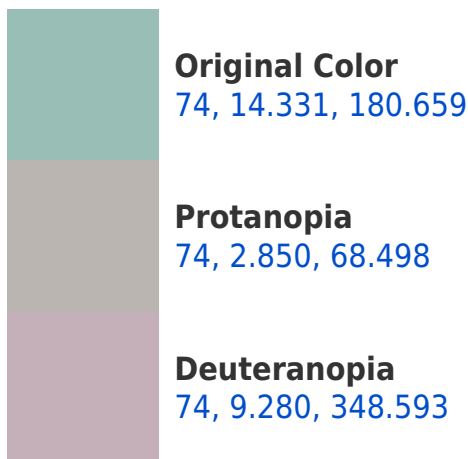


This preview shows how white text looks on a background with the CIELCh color 74, 14.331, 180.659.

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](#).

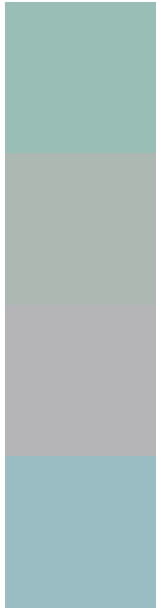
Dichromacy





Tritanopia
74, 13.141, 237.122

Trichromacy



Original Color
74, 14.331, 180.659

Protanomaly
74, 4.616, 163.292

Deuteranomaly
74, 1.632, 290.370

Tritanomaly
74, 12.277, 216.646

Monochromacy



Original Color
74, 14.331, 180.659

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 5.426, 181.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 14.331, 180.659 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(152, 190, 182)` looks like.

```
.text, #text, p{  
    color:rgb(152, 190, 182)  
}
```

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(152, 190, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 190, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 14.331, 180.659 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(152, 190, 182) }
```

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

```
.border{ border-color:rgb(152, 190, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 190, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 190, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 190, 182);  
box-shadow:4px 4px 4px 4px rgb(152, 190,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 14.331, 180.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 190, 182) }
```

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

```
.background{ background-color: rgb(152,  
190, 182) }
```

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