

Converting Colors

CIELCh(74, 23.102, 161.771)

Have a look what the booklet for
CIELCh(74, 23.102, 161.771)
contains.

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Color

CIELCh(74, 23.082, 161.785)

Conversions

Conversions Part 1

Format	Color
Hex	8EC1A8
RGB	142, 193, 168
RGB Percent	56%, 76%, 66%
CMY	0.4432, 0.2432, 0.3413
CMYK	0.26, 0.00, 0.13, 0.24
HSL	151°, 29%, 66%
HSV	151°, 26%, 76%
XYZ	37.2814, 46.7039, 44.0839
YIQ	174.9010, -22.3710, -18.5870

Conversions

Conversions Part 2

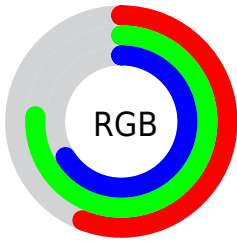
Format	Color
RYB	142, 176, 193
Decimal	9355688
CIELab	74.00, -21.93, 7.22
CIElCh	74, 23.082, 161.785
Yxy	46.7039, 0.2911, 0.3647
Android (android.graphics.Color)	4287545768 (0xFF8EC1A8)
YUV	174.9010, -3.4022, -28.8542
Hunter-Lab	68.3403, -22.2192, 9.5923

Details

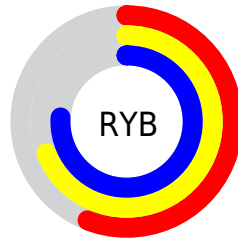
The CIELCh color **74, 23.082, 161.785** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 23.887, 346.593**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 23.247, 161.277**, and **54, 23.011, 162.027** is the 20% darker color. If you saturate the color by 10%, you get **73, 31.526, 160.668**, and if you desaturate by 10%, it is **75, 14.412, 162.786**.

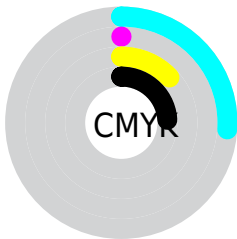
Distribution



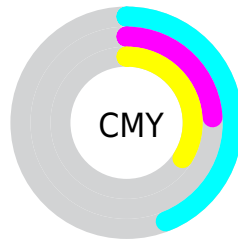
- Red (56%)
- Green (76%)
- Blue (66%)



- Red (56%)
- Yellow (69%)
- Blue (76%)



- Cyan (26%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)




- Cyan (44%)
- Magenta (24%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 23.082, 161.785 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, 23.082, 161.785 by changing the saturation by 10% instead.


 74, 23.082,
161.785

 74, 23.082,
161.785

 100, 23.082,
161.785


 64, 23.082,
161.785


 94, 23.082,
161.785

 54, 23.082,
161.785

 44, 23.082,
161.785

 34, 23.082,
161.785

 24, 23.082,
161.785

 14, 23.082,
161.785

 4, 23.082, 161.785

■ 0, 23.082, 161.785

■ 74, 23.082,
161.785

■ 74, 23.082,
161.785

■ 73, 31.526,
160.668

■ 75, 14.412,
162.786

■ 72, 39.599,
159.413

■ 77, 5.638, 163.721

■ 71, 47.153,
157.994

■ 79, 3.133, 344.333

■ 81, 11.821,
345.167

■ 70, 54.052,
156.386

■ 83, 20.364,
345.863

■ 70, 60.189,
154.573

■ 84, 27.910,
345.185

■ 69, 65.514,
152.548

■ 85, 30.874,

■ 69, 70.061,
150.340

337.569

■ 69, 71.587,
149.565

■ 85, 34.320,
331.469

■ 85, 38.110,
326.615

Harmonies

Complementary

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



74, 23.082, 161.785



65, 23.887, 346.593

Rectangle

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



74, 23.082, 161.785



74, 23.082, 211.785



74, 23.082, 341.785



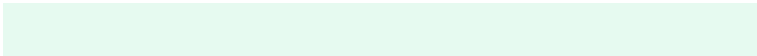
74, 23.082, 31.785

Sweetspot

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



74, 23.083, 161.784



97, 8.659, 163.561



75, 28.996, 127.856



51, 6.154, 163.420



99, 0.012, 296.813



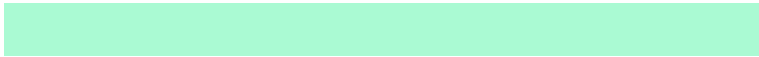
52, 0.007, 296.813

Same Dimension

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



74, 23.083, 161.784



92, 34.306, 161.121



75, 17.415, 198.095



40, 4.992, 163.446



58, 62.062, 149.906



10, 18.351, 156.893

Inverse Universe

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



65, 23.887, 346.593



78, 35.762, 347.268



64, 20.786, 21.474



38, 5.058, 344.918



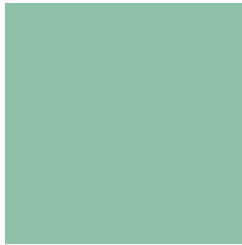
34, 59.950, 2.422



3, 15.747, 352.920

Previews

White Background



This preview shows how the CIELCh color 74, 23.082, 161.785 looks on a white background.

Color Contrast Check

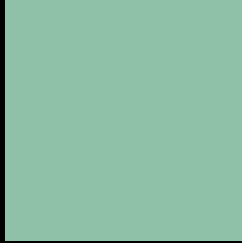
Large Text (above 18pt) WCAG AA × Fail

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, 23.082, 161.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

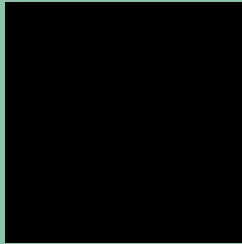
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 23.082, 161.785

Background



This preview shows how black text looks on a background with the CIELCh color 74, 23.082, 161.785.



This preview shows how white text looks on a background with the CIELCh color 74, 23.082, 161.785.

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, 23.082, 161.785

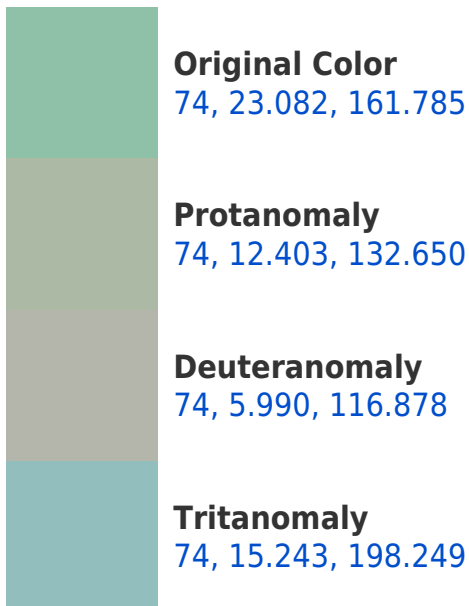
Protanopia
74, 10.700, 92.218

Deuteranopia
74, 10.569, 28.995

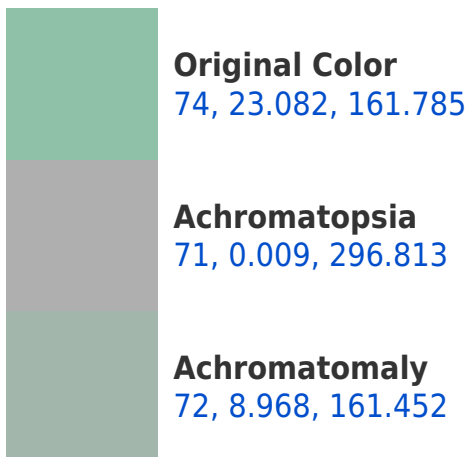


Tritanopia
74, 15.203, 231.047

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 23.082, 161.785 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(142, 193, 168)` looks like.

```
.text, #text, p{  
    color:rgb(142, 193, 168)  
}
```

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(142, 193, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 193, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 23.082, 161.785 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(142, 193, 168) }
```

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

```
.border{ border-color:rgb(142, 193, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 193, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 193, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 193, 168);  
box-shadow:4px 4px 4px 4px rgb(142, 193,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 23.082, 161.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 193, 168) }
```

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

```
.background{ background-color: rgb(142,  
193, 168) }
```

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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