

Converting Colors

CIELCh(74, 23.144, 182.609)

Have a look what the booklet for
CIELCh(74, 23.144, 182.609)
contains.

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Color

CIELCh(74, 23.132, 182.625)

Conversions

Conversions Part 1

Format	Color
Hex	81C2B7
RGB	129, 194, 183
RGB Percent	51%, 76%, 72%
CMY	0.4939, 0.2390, 0.2821
CMYK	0.33, 0.00, 0.06, 0.24
HSL	170°, 35%, 63%
HSV	170°, 33%, 76%
XYZ	36.9212, 46.7039, 51.9014
YIQ	173.3110, -35.2090, -17.2010

Conversions

Conversions Part 2

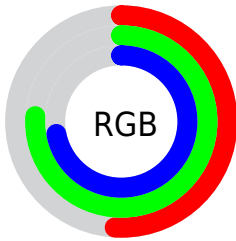
Format	Color
RYB	129, 165, 194
Decimal	8503991
CIELab	74.00, -23.11, -1.06
CIElCh	74, 23.132, 182.625
Yxy	46.7039, 0.2724, 0.3446
Android (android.graphics.Color)	4286694071 (0xFF81C2B7)
YUV	173.3110, 4.7767, -38.8607
Hunter-Lab	68.3403, -23.1599, 2.8101

Details

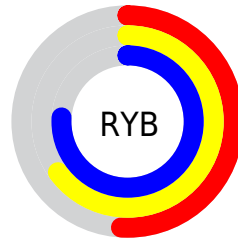
The CIELCh color **74, 23.132, 182.625** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61, 26.975, 9.417**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 23.229, 182.442**, and **54, 23.137, 182.620** is the 20% darker color. If you saturate the color by 10%, you get **73, 29.089, 181.610**, and if you desaturate by 10%, it is **75, 16.646, 183.581**.

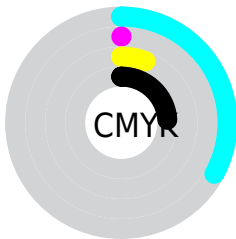
Distribution



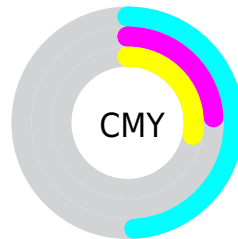
- Red (51%)
- Green (76%)
- Blue (72%)



- Red (51%)
- Yellow (65%)
- Blue (76%)



- Cyan (33%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)





- Cyan (49%)
- Magenta (24%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 23.132, 182.625 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, 23.132, 182.625 by changing the saturation by 10% instead.


 74, 23.132,
182.625

 74, 23.132,
182.625


 100, 23.132,
182.625


 64, 23.132,
182.625


 94, 23.132,
182.625

 54, 23.132,
182.625

 44, 23.132,
182.625

 34, 23.132,
182.625

 24, 23.132,
182.625

 14, 23.132,
182.625

 4, 23.132, 182.625

0, 23.132, 182.625

74, 23.132,
182.625

74, 23.132,
182.625

73, 29.089,
181.610

75, 16.646,
183.581

72, 34.395,
180.528

76, 9.749, 184.508

72, 38.948,
179.355

78, 2.559, 185.522

80, 4.822, 6.057

71, 42.679,
178.070

81, 12.307, 6.932

71, 45.567,
176.651

83, 19.828, 7.735

84, 23.647, 6.027

70, 47.655,
175.081

84, 24.023, 2.025

■ 70, 48.731,
174.012

■ 84, 24.520,
358.171

Harmonies

Complementary

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



74, 23.132, 182.625



61, 26.975, 9.417

Rectangle

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



74, 23.132, 182.625



74, 23.132, 232.625



74, 23.132, 2.625



74, 23.132, 52.625

Sweetspot

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



74, 23.133, 182.622



97, 8.992, 184.818



73, 40.384, 137.476



52, 6.171, 184.684



0, 0.000, 0.000



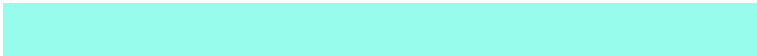
53, 0.007, 296.813

Same Dimension

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



74, 23.133, 182.622



93, 33.450, 181.906



68, 18.150, 237.341



40, 4.117, 184.893



59, 42.239, 174.269



10, 13.985, 178.792

Inverse Universe

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



61, 26.975, 9.417



73, 40.449, 10.609



66, 22.096, 51.428



38, 4.286, 6.403



33, 66.747, 31.058



3, 14.211, 10.243

Previews

White Background



This preview shows how the CIELCh color 74, 23.132, 182.625 looks on a white background.

Color Contrast Check

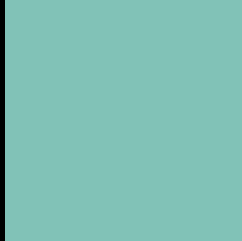
Large Text (above 18pt) WCAG AA × Fail

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, 23.132, 182.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

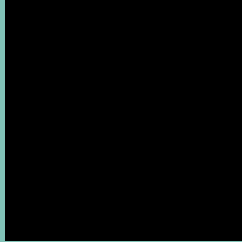
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 23.132, 182.625

Background



This preview shows how black text looks on a background with the CIELCh color 74, 23.132, 182.625.

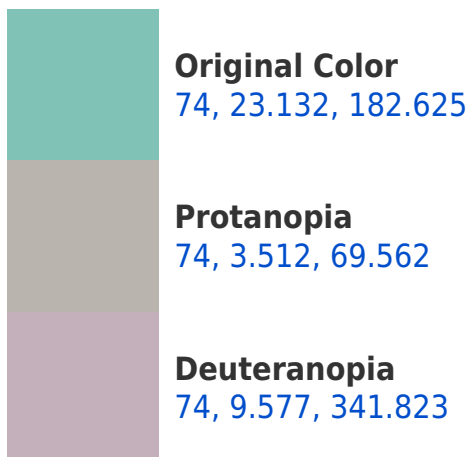


This preview shows how white text looks on a background with the CIELCh color 74, 23.132, 182.625.

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, 19.916, 222.395

Trichromacy



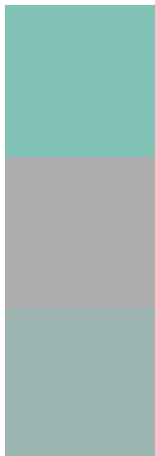
Original Color
74, 23.132, 182.625

Protanomaly
73, 8.323, 171.659

Deuteranomaly
74, 4.291, 221.518

Tritanomaly
74, 19.971, 207.390

Monochromacy



Original Color
74, 23.132, 182.625

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 9.045, 184.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 23.132, 182.625 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(129, 194, 183)` looks like.

```
.text, #text, p{  
    color:rgb(129, 194, 183)  
}
```

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(129, 194, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 194, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 23.132, 182.625 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(129, 194, 183) }
```

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

```
.border{ border-color:rgb(129, 194, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 194, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 194, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 194, 183);  
box-shadow:4px 4px 4px 4px rgb(129, 194,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 23.132, 182.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 194, 183) }
```

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

```
.background{ background-color: rgb(129,  
194, 183) }
```

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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