

Converting Colors

CIELCh(74, 36.332, 132.118)

Have a look what the booklet for
CIELCh(74, 36.332, 132.118)
contains.

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Color

CIELCh(74, 36.443, 131.969)

Conversions

Conversions Part 1

Format	Color
Hex	9AC183
RGB	154, 193, 131
RGB Percent	60%, 76%, 51%
CMY	0.3957, 0.2427, 0.4859
CMYK	0.20, 0.00, 0.32, 0.24
HSL	98°, 33%, 64%
HSV	98°, 32%, 76%
XYZ	36.5392, 46.7039, 28.5944
YIQ	174.2710, -3.3420, -27.5500

Conversions

Conversions Part 2

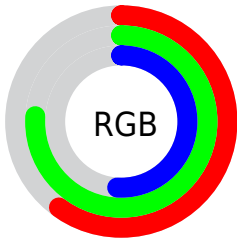
Format	Color
RYB	131, 193, 170
Decimal	10142083
CIELab	74.00, -24.37, 27.10
CIELCh	74, 36.443, 131.969
Yxy	46.7039, 0.3267, 0.4176
Android (android.graphics.Color)	4288332163 (0xFF9AC183)
YUV	174.2710, -21.3326, -17.7777
Hunter-Lab	68.3403, -24.1578, 23.0305

Details

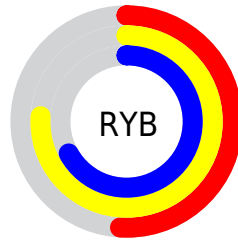
The CIELCh color **74, 36.443, 131.969** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 37.596, 314.836**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 36.917, 131.981**, and **54, 36.148, 131.817** is the 20% darker color. If you saturate the color by 10%, you get **73, 47.527, 131.463**, and if you desaturate by 10%, it is **75, 25.134, 132.470**.

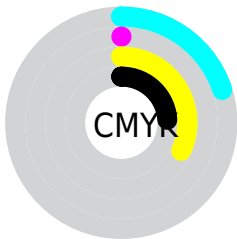
Distribution



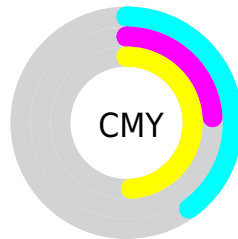
- Red (60%)
- Green (76%)
- Blue (51%)



- Red (51%)
- Yellow (76%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)





- Cyan (40%)
- Magenta (24%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 36.443, 131.969 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, 36.443, 131.969 by changing the saturation by 10% instead.


 74, 36.443,
131.969


 74, 36.443,
131.969


 100, 36.443,
131.969


 64, 36.443,
131.969


 94, 36.443,
131.969

 54, 36.443,
131.969

 44, 36.443,
131.969

 34, 36.443,
131.969

 24, 36.443,
131.969

 14, 36.443,
131.969

 4, 36.443, 131.969

■ 0, 36.443, 131.969

■ 74, 36.443,
131.969

■ 74, 36.443,
131.969

■ 73, 47.527,
131.463

■ 75, 25.134,
132.470

■ 72, 58.173,
130.985

■ 76, 13.745,
132.943

■ 71, 68.090,
130.601

■ 78, 2.380, 133.426

■ 71, 76.881,
130.405

■ 79, 8.884, 313.729

■ 70, 84.068,
130.522

■ 81, 19.996,
314.081

■ 69, 89.221,
131.068

■ 82, 30.918,
314.385

■ 84, 36.313,

■ 69, 92.026,
131.721

318.150

■ 85, 38.175,
324.057

■ 85, 38.818,
325.772

Harmonies

Complementary

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



74, 36.443, 131.969



60, 37.596, 314.836

Rectangle

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



74, 36.443, 131.969



74, 36.443, 181.969



74, 36.443, 311.969



74, 36.443, 1.969

Sweetspot

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



74, 36.445, 131.970



97, 13.982, 133.033



71, 23.109, 82.733



51, 9.542, 132.968



99, 0.012, 296.813



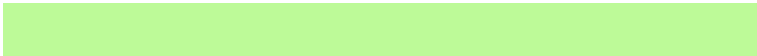
52, 0.007, 296.813

Same Dimension

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



74, 36.445, 131.970



92, 54.367, 131.589



73, 37.729, 145.421



40, 6.446, 133.068



58, 80.114, 131.521



10, 21.998, 136.355

Inverse Universe

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



60, 37.596, 314.836



72, 56.509, 315.168



63, 37.770, 329.669



38, 6.510, 313.818



28, 85.878, 315.336



2, 20.780, 310.225

Previews

White Background



This preview shows how the CIELCh color 74, 36.443, 131.969 looks on a white background.

Color Contrast Check

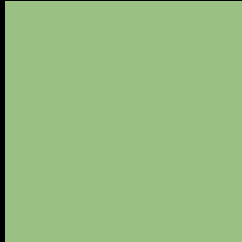
Large Text (above 18pt) WCAG AA × Fail

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, 36.443, 131.969 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, 36.443, 131.969

Background



This preview shows how black text looks on a background with the CIELCh color 74, 36.443, 131.969.



This preview shows how white text looks on a background with the CIELCh color 74, 36.443, 131.969.

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, 36.443, 131.969

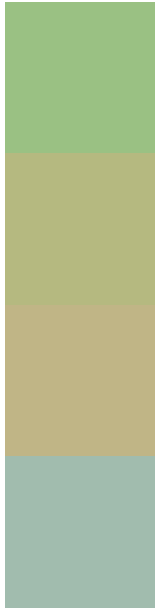
Protanopia
74, 30.122, 95.298

Deuteranopia
74, 27.125, 70.166



Tritanopia
74, 10.165, 247.450

Trichromacy



Original Color
74, 36.443, 131.969

Protanomaly
74, 30.423, 110.317

Deuteranomaly
74, 25.631, 97.543

Tritanomaly
74, 12.599, 161.495

Monochromacy



Original Color
74, 36.443, 131.969

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 13.608, 132.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 36.443, 131.969 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(154, 193, 131)` looks like.

```
.text, #text, p{  
    color:rgb(154, 193, 131)  
}
```

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(154, 193, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 193, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 36.443, 131.969 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(154, 193, 131) }
```

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

```
.border{ border-color:rgb(154, 193, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 193, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 193, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 193, 131);  
box-shadow:4px 4px 4px 4px rgb(154, 193,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 36.443, 131.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 193, 131) }
```

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

```
.background{ background-color: rgb(154,  
193, 131) }
```

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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