

Converting Colors

CIELCh(74, 10.165, 132.346)

Have a look what the booklet for
CIELCh(74, 10.165, 132.346)
contains.

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Color

CIELCh(74, 9.952, 131.720)

Conversions

Conversions Part 1

Format	Color
Hex	AFB9A8
RGB	175, 185, 168
RGB Percent	69%, 73%, 66%
CMY	0.3133, 0.2740, 0.3407
CMYK	0.05, 0.00, 0.09, 0.27
HSL	95°, 11%, 69%
HSV	95°, 9%, 73%
XYZ	42.1557, 46.7039, 43.8936
YIQ	180.0720, -0.5030, -7.4070

Conversions

Conversions Part 2

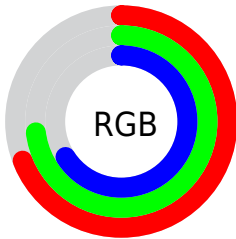
Format	Color
RYB	168, 185, 178
Decimal	11516328
CIELab	74.00, -6.62, 7.43
CIELCh	74, 9.952, 131.720
Yxy	46.7039, 0.3175, 0.3518
Android (android.graphics.Color)	4289706408 (0xFFAFB9A8)
YUV	180.0720, -5.9515, -4.4481
Hunter-Lab	68.3403, -9.4878, 9.7574

Details

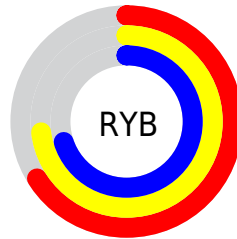
The CIELCh color $74, 9.952, 131.720$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70, 10.063, 312.462$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.940, 130.683$, and $54, 9.908, 130.730$ is the 20% darker color. If you saturate the color by 10%, you get $73, 20.835, 131.263$, and if you desaturate by 10%, it is $75, 0.889, 311.970$.

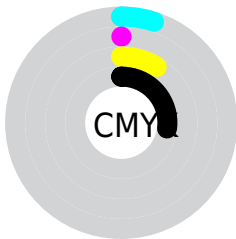
Distribution



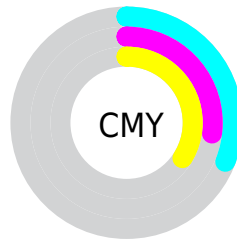
- Red (69%)
- Green (73%)
- Blue (66%)



- Red (66%)
- Yellow (73%)
- Blue (70%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)



- Cyan (31%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 9.952, 131.720 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, 9.952, 131.720 by changing the saturation by 10% instead.

■ 74, 9.952, 131.720

■ 74, 9.952, 131.720

■ 100, 9.952,
131.720

■ 64, 9.952, 131.720

■ 94, 9.952, 131.720

■ 54, 9.952, 131.720

■ 44, 9.952, 131.720

■ 34, 9.952, 131.720

■ 24, 9.952, 131.720

■ 14, 9.952, 131.720

■ 4, 9.952, 131.720

■ 0, 9.952, 131.720

■ 74, 9.952, 131.720

■ 74, 9.952, 131.720

73, 20.835,
131.263

75, 0.889, 311.970

72, 31.666,
130.780

77, 11.631,
312.490

71, 42.324,
130.290

78, 22.230,
312.832

70, 52.636,
129.824

80, 32.655,
313.133

69, 62.352,
129.438

81, 40.140,
314.871

68, 71.128,
129.218

82, 41.527,
319.789

68, 78.529,
129.278

83, 43.184,
324.446

67, 84.109,
129.745

84, 43.796,
325.942

67, 87.846,

Harmonies

Complementary

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



74, 9.952, 131.720



70, 10.063, 312.462

Rectangle

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



74, 9.952, 131.720



74, 9.952, 181.720



74, 9.952, 311.720



74, 9.952, 1.720

Sweetspot

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



74, 9.954, 131.723



94, 3.995, 132.012



73, 6.002, 82.675



50, 3.029, 131.969



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



74, 9.954, 131.723



93, 14.715, 131.633



74, 10.633, 146.247



38, 6.098, 131.717



57, 77.317, 130.461



8, 17.239, 135.640

Inverse Universe

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



70, 10.063, 312.462



87, 14.902, 312.550



71, 10.653, 327.267



36, 6.166, 312.468



26, 84.549, 314.237



2, 16.217, 307.994

Previews

White Background



This preview shows how the CIELCh color 74, 9.952, 131.720 looks on a white background.

Color Contrast Check

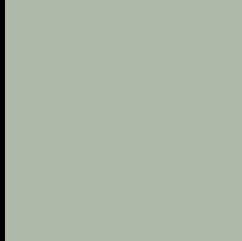
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 74, 9.952, 131.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

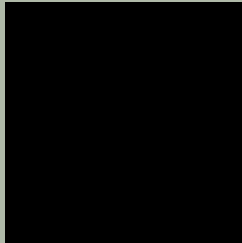
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

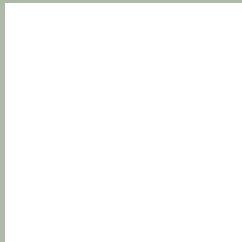
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 9.952, 131.720

Background



This preview shows how black text looks on a background with the CIELCh color 74, 9.952, 131.720.



This preview shows how white text looks on a background with the CIELCh color 74, 9.952, 131.720.

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, 9.952, 131.720

Protanopia

74, 8.650, 88.409

Deuteranopia

74, 11.608, 33.646



Tritanopia
74, 7.608, 285.486

Trichromacy



Original Color
74, 9.952, 131.720

Protanomaly
74, 8.118, 103.955

Deuteranomaly
74, 7.632, 64.534

Tritanomaly
74, 2.177, 247.914

Monochromacy



Original Color
74, 9.952, 131.720

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 3.583, 134.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 9.952, 131.720 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(175, 185, 168)` looks like.

```
.text, #text, p{  
    color:rgb(175, 185, 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(175, 185, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 185, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 9.952, 131.720 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(175, 185, 168) }
```

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

```
.border{ border-color:rgb(175, 185, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 185, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 185, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 185, 168);  
box-shadow:4px 4px 4px 4px rgb(175, 185,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 9.952, 131.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 185, 168) }
```

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

```
.background{ background-color: rgb(175,  
185, 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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