

Converting Colors

CIELCh(72, 8.015, 147.380)

Have a look what the booklet for
CIELCh(72, 8.015, 147.380) contains.

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Color

CIELCh(72, 8.196, 146.191)

Conversions

Conversions Part 1

Format	Color
Hex	A7B4A8
RGB	167, 180, 168
RGB Percent	65%, 71%, 66%
CMY	0.3453, 0.2943, 0.3414
CMYK	0.07, 0.00, 0.07, 0.29
HSL	125°, 8%, 68%
HSV	125°, 7%, 71%
XYZ	39.3014, 43.6590, 43.3782
YIQ	174.7450, -3.8960, -6.4880

Conversions

Conversions Part 2

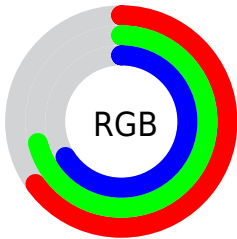
Format	Color
RYB	167, 179, 180
Decimal	10990760
CIELab	72.00, -6.81, 4.56
CIElCh	72, 8.196, 146.191
Yxy	43.6590, 0.3111, 0.3456
Android (android.graphics.Color)	4289180840 (0xFFA7B4A8)
YUV	174.7450, -3.3253, -6.7924
Hunter-Lab	66.0750, -9.4593, 7.3286

Details

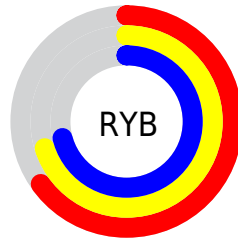
The CIELCh color $72, 8.196, 146.191$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 8.216, 326.958$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 8.413, 146.110$, and $52, 8.040, 146.249$ is the 20% darker color. If you saturate the color by 10%, you get $70, 19.655, 145.499$, and if you desaturate by 10%, it is $74, 3.132, 326.653$.

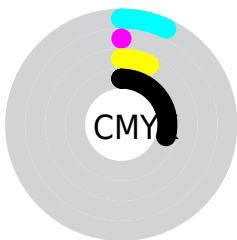
Distribution



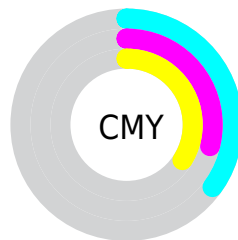
- Red (65%)
- Green (71%)
- Blue (66%)



- Red (65%)
- Yellow (70%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)



- Cyan (35%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.196, 146.191 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 72, 8.196, 146.191 by changing the saturation by 10% instead.

72, 8.196, 146.191

72, 8.196, 146.191

100, 8.196,
146.191

62, 8.196, 146.191

92, 8.196, 146.191

52, 8.196, 146.191

42, 8.196, 146.191

32, 8.196, 146.191

22, 8.196, 146.191

12, 8.196, 146.191

2, 8.196, 146.191

0, 8.196, 146.191

72, 8.196, 146.191

72, 8.196, 146.191

70, 19.655,
145.499

74, 3.132, 326.653

69, 31.101,
144.707

76, 14.238,
327.207

68, 42.352,
143.790

78, 25.055,
327.635

67, 53.176,
142.740

80, 35.546,
327.998

66, 63.292,
141.565

82, 45.344,
327.563

65, 72.375,
140.298

82, 46.994,
326.050

64, 80.068,
139.008

64, 86.016,
137.805

64, 89.962,

136.841

Harmonies

Complementary

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



72, 8.196, 146.191



70, 8.216, 326.958

Rectangle

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



72, 8.196, 146.191



72, 8.196, 196.191



72, 8.196, 326.191



72, 8.196, 16.191

Sweetspot

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



72, 8.198, 146.191



92, 2.797, 146.581



73, 7.039, 112.186



49, 1.588, 146.593



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 8.198, 146.191



91, 12.685, 146.063



72, 5.755, 166.856



37, 6.393, 146.052



55, 80.266, 136.797



7, 15.612, 146.078

Inverse Universe

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



70, 8.216, 326.958



88, 12.710, 327.074



70, 5.832, 347.965



35, 6.405, 327.083



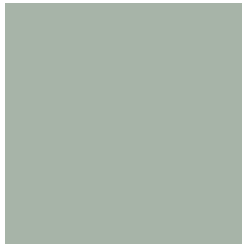
35, 74.369, 331.500



3, 15.021, 327.729

Previews

White Background



This preview shows how the CIELCh color 72, 8.196, 146.191 looks on a white background.

Color Contrast Check

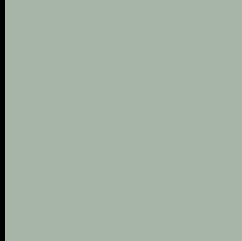
Large Text (above 18pt) WCAG AA × Fail

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 72, 8.196, 146.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

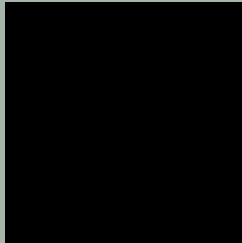
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 8.196, 146.191

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.196, 146.191.

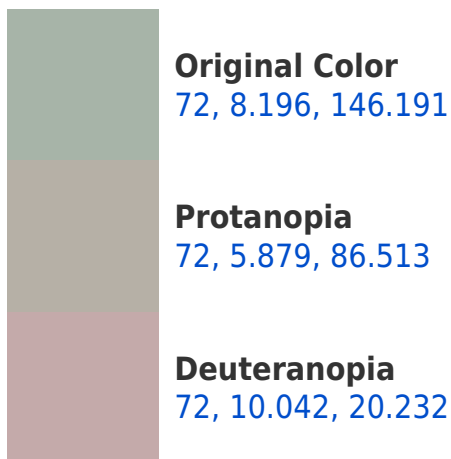


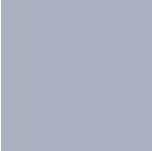
This preview shows how white text looks on a background with the CIELCh color 72, 8.196, 146.191.

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
72, 7.877, 275.067

Trichromacy



Original Color
72, 8.196, 146.191

Protanomaly
72, 5.420, 109.634

Deuteranomaly
72, 5.002, 52.413

Tritanomaly
72, 3.957, 242.864

Monochromacy



Original Color
72, 8.196, 146.191

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 3.318, 144.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.196, 146.191 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(167, 180, 168)` looks like.

```
.text, #text, p{  
    color:rgb(167, 180, 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(167, 180, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 180, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.196, 146.191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

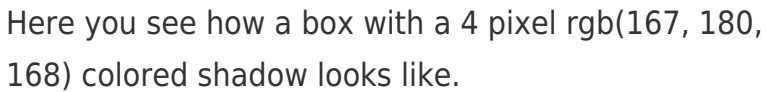
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 180, 168) }
```

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

```
.border{ border-color:rgb(167, 180, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 180, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 180, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 180, 168); box-shadow:4px 4px 4px 4px rgb(167, 180, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.196, 146.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 180, 168) }
```

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

```
.background{ background-color: rgb(167,  
180, 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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