

Converting Colors

CIELCh(72, 9.975, 144.006)

Have a look what the booklet for
CIELCh(72, 9.975, 144.006) contains.

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Color

CIELCh(72, 9.968, 143.988)

Conversions

Conversions Part 1

Format	Color
Hex	A6B5A6
RGB	166, 181, 166
RGB Percent	65%, 71%, 65%
CMY	0.3508, 0.2920, 0.3508
CMYK	0.08, 0.00, 0.08, 0.29
HSL	120°, 9%, 68%
HSV	120°, 8%, 71%
XYZ	38.9062, 43.6590, 42.2386
YIQ	174.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

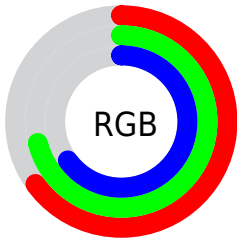
Format	Color
RYB	166, 181, 181
Decimal	10925478
CIELab	72.00, -8.06, 5.86
CIELCh	72, 9.968, 143.988
Yxy	43.6590, 0.3117, 0.3498
Android (android.graphics.Color)	4289115558 (0xFFA6B5A6)
YUV	174.8050, -4.3409, -7.7220
Hunter-Lab	66.0750, -10.5272, 8.3512

Details

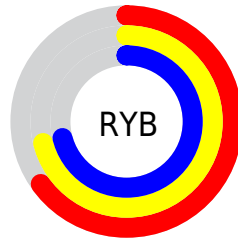
The CIELCh color $72, 9.968, 143.988$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 9.987, 324.868$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.098, 144.080$, and $52, 9.929, 143.836$ is the 20% darker color. If you saturate the color by 10%, you get $70, 22.087, 143.306$, and if you desaturate by 10%, it is $74, 2.027, 324.414$.

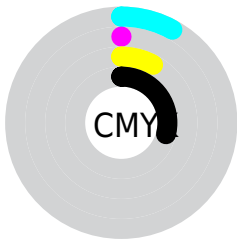
Distribution



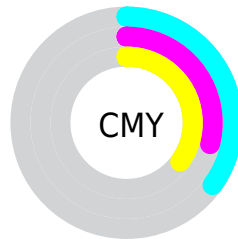
- Red (65%)
- Green (71%)
- Blue (65%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 9.968, 143.988 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, 9.968, 143.988 by changing the saturation by 10% instead.

72, 9.968, 143.988

72, 9.968, 143.988

100, 9.968,
143.988

62, 9.968, 143.988

92, 9.968, 143.988

52, 9.968, 143.988

42, 9.968, 143.988

32, 9.968, 143.988

22, 9.968, 143.988

12, 9.968, 143.988

2, 9.968, 143.988

0, 9.968, 143.988

72, 9.968, 143.988

72, 9.968, 143.988

70, 22.087,
143.306

74, 2.027, 324.414

69, 34.167,
142.520

76, 13.792,
324.995

68, 45.992,
141.614

78, 25.252,
325.410

67, 57.282,
140.594

80, 36.366,
325.757

66, 67.687,
139.489

83, 46.627,
326.038

65, 76.785,
138.367

65, 84.099,
137.340

64, 89.185,
136.552

64, 92.019,

Harmonies

Complementary

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



72, 9.968, 143.988



70, 9.987, 324.868

Rectangle

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



72, 9.968, 143.988



72, 9.968, 193.988



72, 9.968, 323.988



72, 9.968, 13.988

Sweetspot

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



72, 9.970, 143.988



92, 2.949, 144.430



73, 8.099, 109.383



49, 1.675, 144.442



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, 9.970, 143.988



91, 14.871, 143.867



72, 6.952, 163.022



37, 6.740, 143.923



55, 81.802, 136.016



6, 16.259, 144.444

Inverse Universe

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



70, 9.987, 324.868



87, 14.892, 324.974



69, 7.032, 344.280



35, 6.750, 324.926



36, 78.924, 328.234



3, 16.261, 324.441

Previews

White Background



This preview shows how the CIELCh color 72, 9.968, 143.988 looks on a white background.

Color Contrast Check

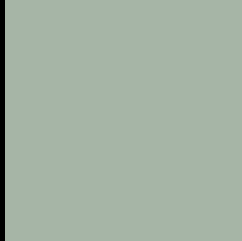
Large Text (above 18pt) WCAG AA × Fail

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 72, 9.968, 143.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

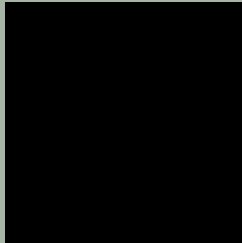
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

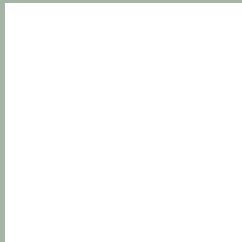
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 9.968, 143.988

Background



This preview shows how black text looks on a background with the CIELCh color 72, 9.968, 143.988.



This preview shows how white text looks on a background with the CIELCh color 72, 9.968, 143.988.

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](#).

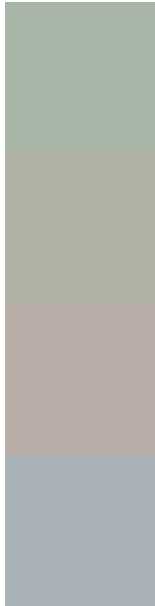
Dichromacy





Tritanopia
72, 7.974, 272.595

Trichromacy



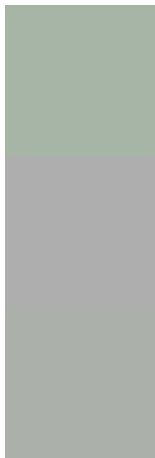
Original Color
72, 9.968, 143.988

Protanomaly
72, 7.595, 112.325

Deuteranomaly
72, 5.677, 61.527

Tritanomaly
72, 4.216, 230.413

Monochromacy



Original Color
72, 9.968, 143.988

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.321, 144.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 9.968, 143.988 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(166, 181, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 181, 166)  
}
```

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(166, 181, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 181, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 9.968, 143.988 is called "border". The border property can be set on classes, ids or directly on the HTML element.

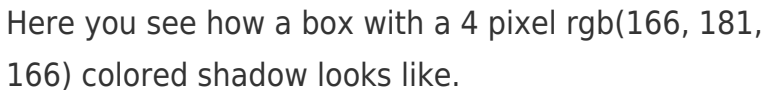
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 181, 166) }
```

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

```
.border{ border-color:rgb(166, 181, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 181, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 181, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 181, 166); box-shadow:4px 4px 4px 4px rgb(166, 181, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 9.968, 143.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 181, 166) }
```

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

```
.background{ background-color: rgb(166,  
181, 166) }
```

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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