

Converting Colors

CIELCh(72, 16.927, 150.462)

Have a look what the booklet for
CIELCh(72, 16.927, 150.462)
contains.

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Color

CIELCh(72, 16.924, 150.608)

Conversions

Conversions Part 1

Format	Color
Hex	9AB8A1
RGB	154, 184, 161
RGB Percent	60%, 72%, 63%
CMY	0.3965, 0.2789, 0.3691
CMYK	0.16, 0.00, 0.13, 0.28
HSL	134°, 17%, 66%
HSV	134°, 16%, 72%
XYZ	36.8428, 43.6590, 40.1497
YIQ	172.4080, -10.4970, -13.5130

Conversions

Conversions Part 2

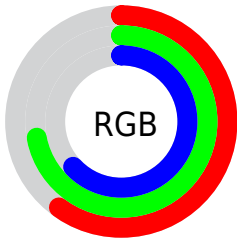
Format	Color
RYB	154, 178, 184
Decimal	10139809
CIELab	72.00, -14.75, 8.31
CIELCh	72, 16.924, 150.608
Yxy	43.6590, 0.3054, 0.3619
Android (android.graphics.Color)	4288329889 (0xFF9AB8A1)
YUV	172.4080, -5.6241, -16.1438
Hunter-Lab	66.0750, -16.1013, 10.2256

Details

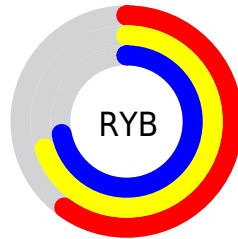
The CIELCh color $72, 16.924, 150.608$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $67, 17.003, 332.753$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 16.710, 150.583$, and $52, 17.066, 149.575$ is the 20% darker color. If you saturate the color by 10%, you get $71, 27.329, 149.764$, and if you desaturate by 10%, it is $74, 6.516, 151.360$.

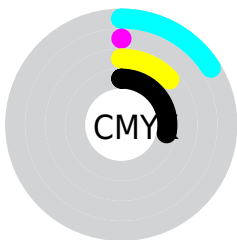
Distribution



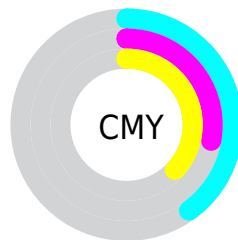
- Red (60%)
- Green (72%)
- Blue (63%)



- Red (60%)
- Yellow (70%)
- Blue (72%)



- Cyan (16%)
- Magenta (0%)
- Yellow (13%)
- Black (28%)





- Cyan (40%)
- Magenta (28%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 16.924, 150.608 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, 16.924, 150.608 by changing the saturation by 10% instead.


 72, 16.924,
150.608

 72, 16.924,
150.608


 100, 16.924,
150.608


 62, 16.924,
150.608


 92, 16.924,
150.608

 52, 16.924,
150.608

 42, 16.924,
150.608

 32, 16.924,
150.608

 22, 16.924,
150.608

 12, 16.924,
150.608

 2, 16.924, 150.608

0, 16.924, 150.608

72, 16.924,
150.608

72, 16.924,
150.608

71, 27.329,
149.764

74, 6.516, 151.360

69, 37.577,
148.794

75, 3.786, 331.864

68, 47.490,
147.675

77, 13.895,
332.471

67, 56.863,
146.394

79, 23.753,
332.963

67, 65.480,
144.944

82, 33.326,
333.395

66, 73.135,
143.340

83, 40.686,
330.014

83, 44.562,

■ 66, 79.644,
141.627

325.968

■ 65, 84.882,
139.894

■ 65, 86.544,
139.328

Harmonies

Complementary

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



72, 16.924, 150.608



67, 17.003, 332.753

Rectangle

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



72, 16.924, 150.608



72, 16.924, 200.608



72, 16.924, 330.608



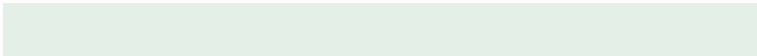
72, 16.924, 20.608

Sweetspot

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



72, 16.926, 150.607



94, 6.393, 151.453



73, 16.384, 118.237



50, 4.362, 151.400



97, 0.011, 296.813



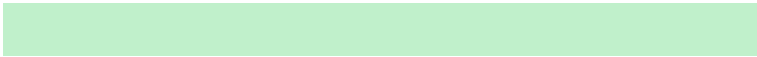
50, 0.007, 296.813

Same Dimension

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



72, 16.926, 150.607



91, 25.761, 150.282



72, 11.815, 176.836



38, 5.851, 151.137



56, 76.047, 139.569



8, 16.776, 149.525

Inverse Universe

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



67, 17.003, 332.753



83, 25.895, 333.026



66, 12.447, 359.895



36, 5.873, 332.282



35, 66.913, 340.058



3, 14.915, 335.671

Previews

White Background



This preview shows how the CIELCh color 72, 16.924, 150.608 looks on a white background.

Color Contrast Check

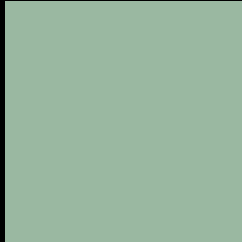
Large Text (above 18pt) WCAG AA × Fail

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, 16.924, 150.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

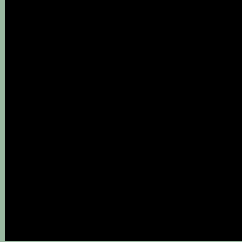
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 16.924, 150.608

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.924, 150.608.



This preview shows how white text looks on a background with the CIELCh color 72, 16.924, 150.608.

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](#).

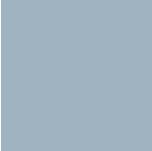
Dichromacy



Original Color
72, 16.924, 150.608

Protanopia
72, 10.757, 92.174

Deuteranopia
72, 11.461, 36.673



Tritanopia
72, 10.216, 247.521

Trichromacy



Original Color
72, 16.924, 150.608

Protanomaly
72, 11.620, 120.590

Deuteranomaly
72, 7.041, 86.883

Tritanomaly
72, 8.649, 198.759

Monochromacy



Original Color
72, 16.924, 150.608

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 6.046, 152.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.924, 150.608 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, 184, 161)` looks like.

```
.text, #text, p{  
    color:rgb(154, 184, 161)  
}
```

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, 184, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 184, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.924, 150.608 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, 184, 161) }
```

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

```
.border{ border-color:rgb(154, 184, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 184, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 184, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 184, 161);  
box-shadow:4px 4px 4px 4px rgb(154, 184,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.924, 150.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 184, 161) }
```

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

```
.background{ background-color: rgb(154,  
184, 161) }
```

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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