

Converting Colors

CIELCh(72, 24.934, 152.018)

Have a look what the booklet for
CIELCh(72, 24.934, 152.018)
contains.

CIELCh(72, 24.965, 151.726)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 24.965, 151.726)

Conversions

Conversions Part 1

Format	Color
Hex	8DBB9A
RGB	141, 187, 154
RGB Percent	55%, 73%, 60%
CMY	0.4462, 0.2658, 0.3952
CMYK	0.25, 0.00, 0.18, 0.27
HSL	137°, 25%, 64%
HSV	137°, 25%, 73%
XYZ	34.6908, 43.6590, 37.2657
YIQ	169.4840, -16.8230, -20.0150

Conversions

Conversions Part 2

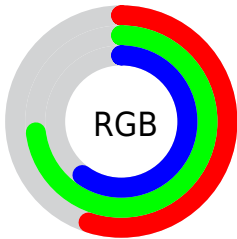
Format	Color
RYB	141, 177, 187
Decimal	9288602
CIELab	72.00, -21.99, 11.83
CIElCh	72, 24.965, 151.726
Yxy	43.6590, 0.3001, 0.3776
Android (android.graphics.Color)	4287478682 (0xFF8DBB9A)
YUV	169.4840, -7.6336, -24.9805
Hunter-Lab	66.0750, -21.9148, 12.8135

Details

The CIELCh color $72, 24.965, 151.726$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $64, 25.175, 335.282$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 25.019, 151.676$, and $52, 25.090, 151.512$ is the 20% darker color. If you saturate the color by 10%, you get $71, 35.012, 150.753$, and if you desaturate by 10%, it is $73, 14.788, 152.575$.

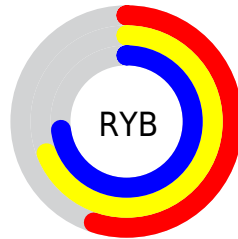
Distribution



Red (55%)

Green (73%)

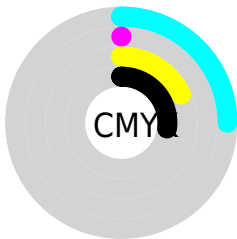
Blue (60%)



Red (55%)

Yellow (69%)

Blue (73%)

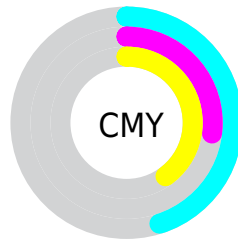


Cyan (25%)

Magenta (0%)

Yellow (18%)

Black (27%)



Cyan (45%)


Magenta (27%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 24.965, 151.726 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, 24.965, 151.726 by changing the saturation by 10% instead.


 72, 24.965,
151.726


 72, 24.965,
151.726


 100, 24.965,
151.726


 62, 24.965,
151.726


 92, 24.965,
151.726

 52, 24.965,
151.726

 42, 24.965,
151.726

 32, 24.965,
151.726

 22, 24.965,
151.726

 12, 24.965,
151.726

 2, 24.965, 151.726

72, 24.965,
151.726

72, 24.965,
151.726

71, 35.012,
150.753

73, 14.788,
152.575

70, 44.758,
149.635

75, 4.615, 153.355

69, 54.015,
148.351

77, 5.446, 333.870

79, 15.315,
334.474

68, 62.587,
146.888

81, 24.939,
334.985

67, 70.287,
145.249

83, 34.285,
335.438

67, 76.964,
143.456

84, 39.710,

■ 67, 82.516,
141.572

328.818

■ 66, 85.124,
140.609

■ 84, 42.482,
325.897

Harmonies

Complementary

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



72, 24.965, 151.726



64, 25.175, 335.282

Rectangle

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



72, 24.965, 151.726



72, 24.965, 201.726



72, 24.965, 331.726



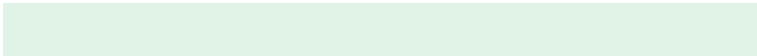
72, 24.965, 21.726

Sweetspot

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



72, 24.967, 151.726



94, 8.723, 153.154



74, 25.095, 119.054



50, 5.716, 153.108



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 24.967, 151.726



90, 36.285, 151.267



73, 17.483, 178.462



39, 5.773, 152.982



57, 74.655, 140.875



9, 18.851, 150.328

Inverse Universe

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



64, 25.175, 335.282



78, 36.621, 335.653



63, 19.125, 3.329



37, 5.800, 334.180



35, 65.457, 343.381



3, 16.326, 338.798

Previews

White Background



This preview shows how the CIELCh color 72, 24.965, 151.726 looks on a white background.

Color Contrast Check

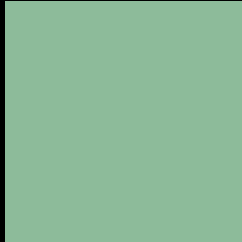
Large Text (above 18pt) WCAG AA × Fail

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, 24.965, 151.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

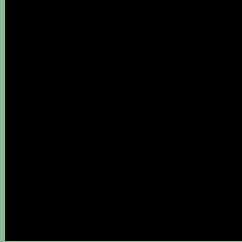
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 24.965, 151.726

Background



This preview shows how black text looks on a background with the CIELCh color 72, 24.965, 151.726.



This preview shows how white text looks on a background with the CIELCh color 72, 24.965, 151.726.

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, 24.965, 151.726

Protanopia

72, 15.171, 93.424

Deuteranopia

72, 13.276, 49.412



Tritanopia
72, 13.448, 236.337

Trichromacy



Original Color
72, 24.965, 151.726

Protanomaly
71, 16.197, 122.620

Deuteranomaly
72, 10.329, 104.815

Tritanomaly
72, 13.176, 193.607

Monochromacy



Original Color
72, 24.965, 151.726

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.960, 151.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 24.965, 151.726 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(141, 187, 154)` looks like.

```
.text, #text, p{  
    color:rgb(141, 187, 154)  
}
```

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(141, 187, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 187, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 24.965, 151.726 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(141, 187, 154) }
```

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

```
.border{ border-color:rgb(141, 187, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 187, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 187, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 187, 154);  
box-shadow:4px 4px 4px 4px rgb(141, 187,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 24.965, 151.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 187, 154) }
```

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

```
.background{ background-color: rgb(141,  
187, 154) }
```

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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