

Converting Colors

CIELCh(72, 11.783, 144.745)

Have a look what the booklet for
CIELCh(72, 11.783, 144.745)
contains.

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Color

CIELCh(72, 11.529, 145.396)

Conversions

Conversions Part 1

Format	Color
Hex	A3B5A4
RGB	163, 181, 164
RGB Percent	64%, 71%, 64%
CMY	0.3598, 0.2891, 0.3558
CMYK	0.10, 0.00, 0.09, 0.29
HSL	123°, 11%, 68%
HSV	123°, 10%, 71%
XYZ	38.4594, 43.6590, 41.6449
YIQ	173.6800, -5.2710, -9.1030

Conversions

Conversions Part 2

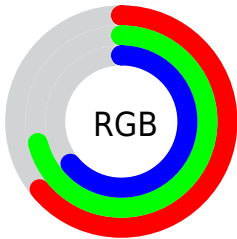
Format	Color
RYB	163, 180, 181
Decimal	10728868
CIELab	72.00, -9.49, 6.55
CIElCh	72, 11.529, 145.396
Yxy	43.6590, 0.3107, 0.3528
Android (android.graphics.Color)	4288918948 (0xFFA3B5A4)
YUV	173.6800, -4.7722, -9.3664
Hunter-Lab	66.0750, -11.7340, 8.8839

Details

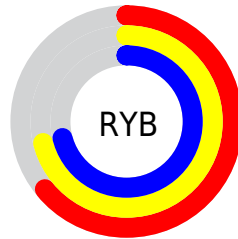
The CIELCh color $72, 11.529, 145.396$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 11.550, 326.496$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 11.579, 145.432$, and $52, 11.596, 145.288$ is the 20% darker color. If you saturate the color by 10%, you get $70, 23.241, 144.687$, and if you desaturate by 10%, it is $74, 0.084, 322.954$.

Distribution



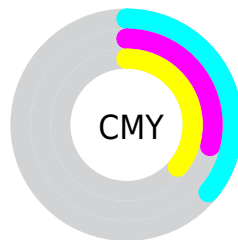
- Red (64%)
- Green (71%)
- Blue (64%)



- Red (64%)
- Yellow (71%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)





- Cyan (36%)
- Magenta (29%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 11.529, 145.396 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, 11.529, 145.396 by changing the saturation by 10% instead.


 72, 11.529,
145.396


 72, 11.529,
145.396


 100, 11.529,
145.396


 62, 11.529,
145.396


 92, 11.529,
145.396

 52, 11.529,
145.396

 42, 11.529,
145.396

 32, 11.529,
145.396

 22, 11.529,
145.396

 12, 11.529,
145.396

 2, 11.529, 145.396

0, 11.529, 145.396

72, 11.529,
145.396

72, 11.529,
145.396

70, 23.241,
144.687

74, 0.084, 322.954

69, 34.892,
143.868

76, 11.491,
326.453

68, 46.279,
142.922

78, 22.617,
326.896

67, 57.141,
141.850

80, 33.415,
327.268

66, 67.167,
140.668

82, 43.864,
327.587

65, 75.994,
139.426

83, 46.183,
326.023

■ 65, 83.230,
138.218

■ 64, 88.499,
137.170

■ 64, 91.660,
136.477

Harmonies

Complementary

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



72, 11.529, 145.396



69, 11.550, 326.496

Rectangle

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



72, 11.529, 145.396



72, 11.529, 195.396



72, 11.529, 325.396



72, 11.529, 15.396

Sweetspot

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



72, 11.531, 145.396



92, 4.266, 145.865



73, 9.727, 111.276



49, 3.235, 145.804



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, 11.531, 145.396



90, 17.201, 145.243



72, 8.052, 165.631



38, 6.642, 145.435



56, 81.698, 136.567



8, 18.376, 145.546

Inverse Universe

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



69, 11.550, 326.496



86, 17.226, 326.626



69, 8.183, 347.249



36, 6.653, 326.462



36, 76.528, 330.540



3, 17.791, 326.928

Previews

White Background



This preview shows how the CIELCh color 72, 11.529, 145.396 looks on a white background.

Color Contrast Check

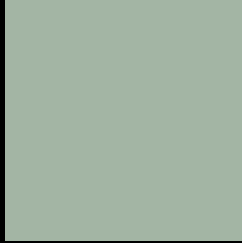
Large Text (above 18pt) WCAG AA × Fail

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, 11.529, 145.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

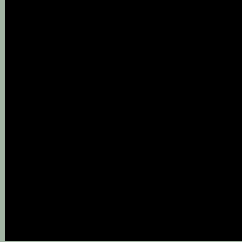
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

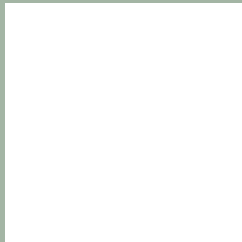
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 11.529, 145.396

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.529, 145.396.



This preview shows how white text looks on a background with the CIELCh color 72, 11.529, 145.396.

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, 11.529, 145.396

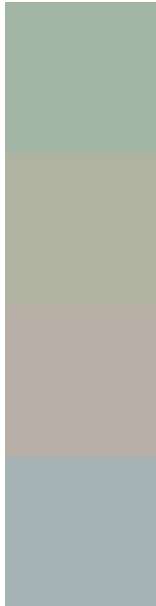
Protanopia
72, 8.565, 90.822

Deuteranopia
72, 10.635, 29.010



Tritanopia
72, 8.209, 267.866

Trichromacy



Original Color
72, 11.529, 145.396

Protanomaly
72, 8.707, 114.398

Deuteranomaly
72, 6.059, 65.265

Tritanomaly
72, 4.848, 212.134

Monochromacy



Original Color
72, 11.529, 145.396

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.652, 144.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.529, 145.396 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(163, 181, 164)` looks like.

```
.text, #text, p{  
    color:rgb(163, 181, 164)  
}
```

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(163, 181, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 181, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.529, 145.396 is called "border". The border property can be set on classes, ids or directly on the HTML element.

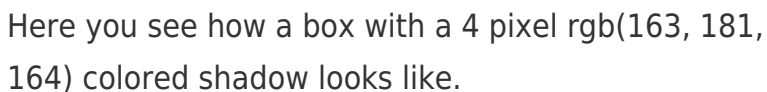
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 181, 164) }
```

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

```
.border{ border-color:rgb(163, 181, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 181, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 181, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 181, 164); box-shadow:4px 4px 4px 4px rgb(163, 181, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.529, 145.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 181, 164) }
```

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

```
.background{ background-color: rgb(163,  
181, 164) }
```

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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