

Converting Colors

CIELCh(70, 36.539, 142.258)

Have a look what the booklet for
CIELCh(70, 36.539, 142.258)
contains.

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Color

CIELCh(70, 36.413, 141.952)

Conversions

Conversions Part 1

Format	Color
Hex	82B881
RGB	130, 184, 129
RGB Percent	51%, 72%, 51%
CMY	0.4892, 0.2774, 0.4931
CMYK	0.29, 0.00, 0.30, 0.28
HSL	119°, 28%, 61%
HSV	119°, 30%, 72%
XYZ	30.4202, 40.7494, 27.1182
YIQ	161.5840, -14.5290, -28.5530

Conversions

Conversions Part 2

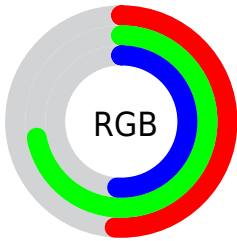
Format	Color
RYB	129, 184, 183
Decimal	8566913
CIELab	70.00, -28.68, 22.44
CIElCh	70, 36.413, 141.952
Yxy	40.7494, 0.3095, 0.4146
Android (android.graphics.Color)	4286756993 (0xFF82B881)
YUV	161.5840, -16.0639, -27.6992
Hunter-Lab	63.8353, -26.6489, 19.4974

Details

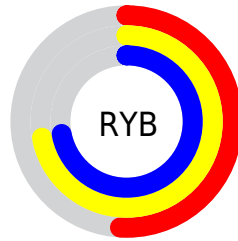
The CIELCh color **70, 36.413, 141.952** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 36.446, 325.520**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 36.370, 141.981**, and **50, 36.880, 141.996** is the 20% darker color. If you saturate the color by 10%, you get **69, 48.317, 141.057**, and if you desaturate by 10%, it is **71, 24.226, 142.735**.

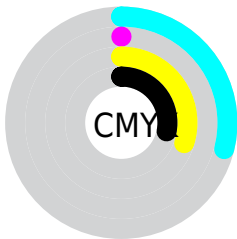
Distribution



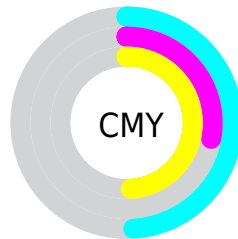
- Red (51%)
- Green (72%)
- Blue (51%)



- Red (51%)
- Yellow (72%)
- Blue (72%)



- Cyan (29%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)





- Cyan (49%)
- Magenta (28%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 36.413, 141.952 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 70, 36.413, 141.952 by changing the saturation by 10% instead.


 70, 36.413,
141.952


 70, 36.413,
141.952


 100, 36.413,
141.952


 60, 36.413,
141.952


 90, 36.413,
141.952

 50, 36.413,
141.952

 40, 36.413,
141.952

 30, 36.413,
141.952

 20, 36.413,
141.952

 10, 36.413,
141.952

 0, 36.413, 141.952

70, 36.413,
141.952

70, 36.413,
141.952

69, 48.317,
141.057

71, 24.226,
142.735

68, 59.643,
140.058

73, 11.973,
143.414

67, 70.031,
138.992

75, 0.180, 322.638

66, 79.044,
137.933

77, 12.116,
324.426

66, 86.190,
137.002

79, 23.759,
324.844

65, 91.031,
136.339

81, 35.062,
325.193

65, 93.709,
135.946

83, 44.322,
325.960

65, 93.743,

135.940

Harmonies

Complementary

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



70, 36.413, 141.952



61, 36.446, 325.520

Rectangle

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



70, 36.413, 141.952



70, 36.413, 191.952



70, 36.413, 321.952



70, 36.413, 11.952

Sweetspot

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



70, 36.414, 141.952



93, 13.529, 143.459



73, 28.453, 105.872



49, 9.404, 143.367



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 36.414, 141.952



88, 54.183, 141.361



70, 25.918, 159.217



38, 6.858, 143.447



56, 82.694, 135.923



8, 18.811, 144.089

Inverse Universe

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



61, 36.446, 325.520



74, 54.185, 325.857



60, 26.724, 344.535



36, 6.871, 324.430



36, 79.951, 327.521



3, 18.647, 323.968

Previews

White Background



This preview shows how the CIELCh color 70, 36.413, 141.952 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 70, 36.413, 141.952 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 70, 36.413, 141.952

Background



This preview shows how black text looks on a background with the CIELCh color 70, 36.413, 141.952.

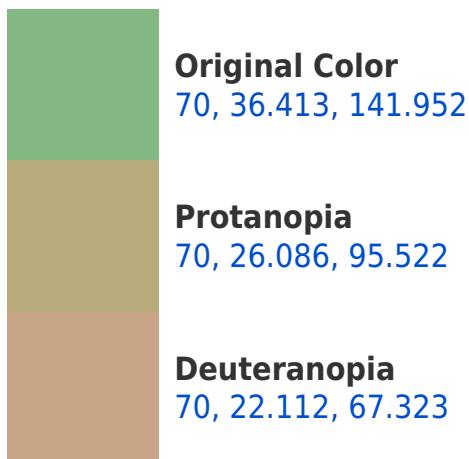


This preview shows how white text looks on a background with the CIELCh color 70, 36.413, 141.952.

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
70, 14.263, 234.013

Trichromacy



Original Color
70, 36.413, 141.952

Protanomaly
69, 27.376, 116.896

Deuteranomaly
69, 21.218, 104.694

Tritanomaly
70, 16.174, 178.224

Monochromacy



Original Color
70, 36.413, 141.952

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 13.477, 143.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 36.413, 141.952 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(130, 184, 129)` looks like.

```
.text, #text, p{  
    color:rgb(130, 184, 129)  
}
```

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(130, 184, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 184, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 36.413, 141.952 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(130, 184, 129) }
```

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

```
.border{ border-color:rgb(130, 184, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 184, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 184, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 184, 129);  
box-shadow:4px 4px 4px 4px rgb(130, 184,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 36.413, 141.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 184, 129) }
```

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

```
.background{ background-color: rgb(130,  
184, 129) }
```

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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