

Converting Colors

CIELCh(72, 36.643, 130.974)

Have a look what the booklet for
CIELCh(72, 36.643, 130.974)
contains.

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Color

CIELCh(72, 36.309, 130.865)

Conversions

Conversions Part 1

Format	Color
Hex	96BB7D
RGB	150, 187, 125
RGB Percent	59%, 73%, 49%
CMY	0.4107, 0.2655, 0.5088
CMYK	0.20, 0.00, 0.33, 0.27
HSL	96°, 31%, 61%
HSV	96°, 33%, 73%
XYZ	34.1779, 43.6590, 26.1168
YIQ	168.8690, -2.1500, -27.1260

Conversions

Conversions Part 2

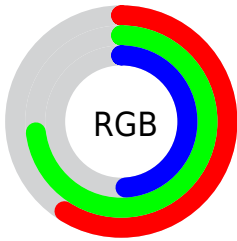
Format	Color
RYB	125, 187, 162
Decimal	9878397
CIELab	72.00, -23.76, 27.46
CIELCh	72, 36.309, 130.865
Yxy	43.6590, 0.3288, 0.4200
Android (android.graphics.Color)	4288068477 (0xFF96BB7D)
YUV	168.8690, -21.6274, -16.5481
Hunter-Lab	66.0750, -23.3004, 22.8175

Details

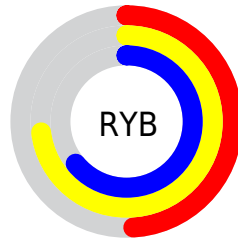
The CIELCh color $72, 36.309, 130.865$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $58, 37.626, 313.836$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 36.180, 130.753$, and $52, 36.657, 130.826$ is the 20% darker color. If you saturate the color by 10%, you get $71, 46.984, 130.377$, and if you desaturate by 10%, it is $73, 25.400, 131.357$.

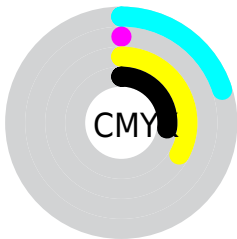
Distribution



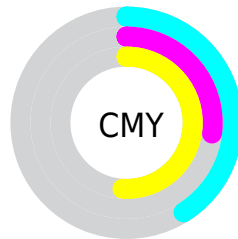
- Red (59%)
- Green (73%)
- Blue (49%)



- Red (49%)
- Yellow (73%)
- Blue (64%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (27%)





- Cyan (41%)
- Magenta (27%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 36.309, 130.865 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, 36.309, 130.865 by changing the saturation by 10% instead.


 72, 36.309,
130.865


 72, 36.309,
130.865


 100, 36.309,
130.865


 62, 36.309,
130.865


 92, 36.309,
130.865

 52, 36.309,
130.865

 42, 36.309,
130.865

 32, 36.309,
130.865

 22, 36.309,
130.865

 12, 36.309,
130.865

 2, 36.309, 130.865

■ 0, 36.309, 130.865

■ 72, 36.309,
130.865

■ 72, 36.309,
130.865

■ 71, 46.984,
130.377

■ 73, 25.400,
131.357

■ 70, 57.217,
129.929

■ 74, 14.397,
131.827

■ 69, 66.720,
129.589

■ 76, 3.402, 132.291

■ 69, 75.104,
129.456

■ 77, 7.511, 312.622

■ 68, 81.906,
129.653

■ 78, 18.291,
312.983

■ 68, 86.728,
130.295

■ 80, 28.903,
313.297

■ 82, 38.657,

■ 67, 89.121,
130.899

313.948

■ 83, 40.055,
319.194

■ 84, 41.749,
324.147

Harmonies

Complementary

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



72, 36.309, 130.865



58, 37.626, 313.836

Rectangle

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



72, 36.309, 130.865



72, 36.309, 180.865



72, 36.309, 310.865



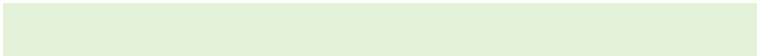
72, 36.309, 0.865

Sweetspot

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



72, 36.311, 130.866



94, 13.517, 131.962



68, 22.728, 79.563



50, 9.301, 131.898



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, 36.311, 130.866



90, 53.830, 130.496



71, 38.837, 144.357



39, 6.252, 131.998



58, 78.453, 130.702



9, 19.653, 135.905

Inverse Universe

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



58, 37.626, 313.836



69, 56.263, 314.181



61, 38.844, 328.656



37, 6.320, 312.750



26, 85.425, 314.450



2, 18.418, 308.480

Previews

White Background



This preview shows how the CIELCh color 72, 36.309, 130.865 looks on a white background.

Color Contrast Check

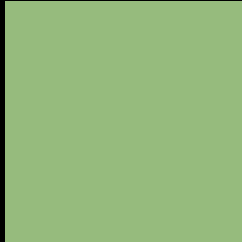
Large Text (above 18pt) WCAG AA × Fail

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, 36.309, 130.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

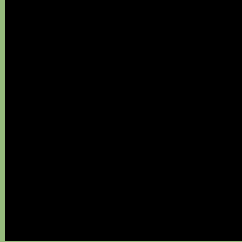
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 36.309, 130.865

Background



This preview shows how black text looks on a background with the CIELCh color 72, 36.309, 130.865.



This preview shows how white text looks on a background with the CIELCh color 72, 36.309, 130.865.

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](#).

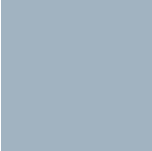
Dichromacy



Original Color
72, 36.309, 130.865

Protanopia
72, 30.695, 96.097

Deuteranopia
72, 27.475, 71.336



Tritanopia
72, 9.778, 250.522

Trichromacy



Original Color
72, 36.309, 130.865

Protanomaly
72, 31.081, 110.151

Deuteranomaly
72, 26.282, 97.589

Tritanomaly
72, 12.103, 159.478

Monochromacy



Original Color
72, 36.309, 130.865

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 13.680, 132.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 36.309, 130.865 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(150, 187, 125)` looks like.

```
.text, #text, p{  
    color:rgb(150, 187, 125)  
}
```

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(150, 187, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 187, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 36.309, 130.865 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(150, 187, 125) }
```

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

```
.border{ border-color:rgb(150, 187, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 187, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 187, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 187, 125);  
box-shadow:4px 4px 4px 4px rgb(150, 187,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 36.309, 130.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 187, 125) }
```

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

```
.background{ background-color: rgb(150,  
187, 125) }
```

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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