

Converting Colors

CIELCh(72, 38.985, 151.186)

Have a look what the booklet for
CIELCh(72, 38.985, 151.186)
contains.

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Color

CIELCh(72, 38.868, 151.398)

Conversions

Conversions Part 1

Format	Color
Hex	76C08D
RGB	118, 192, 141
RGB Percent	46%, 75%, 55%
CMY	0.5359, 0.2457, 0.4458
CMYK	0.38, 0.00, 0.27, 0.25
HSL	139°, 37%, 61%
HSV	139°, 38%, 75%
XYZ	31.2742, 43.6590, 32.1050
YIQ	164.0600, -27.7330, -31.5490

Conversions

Conversions Part 2

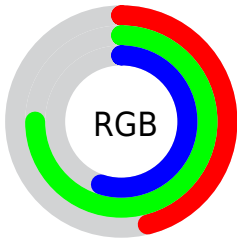
Format	Color
RYB	118, 174, 192
Decimal	7782541
CIELab	72.00, -34.12, 18.61
CIElCh	72, 38.868, 151.398
Yxy	43.6590, 0.2922, 0.4079
Android (android.graphics.Color)	4285972621 (0xFF76C08D)
YUV	164.0600, -11.3686, -40.3946
Hunter-Lab	66.0750, -31.1447, 17.4443

Details

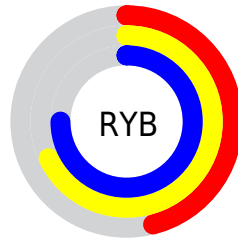
The CIELCh color **72, 38.868, 151.398** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **59, 39.356, 337.611**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 38.823, 151.373**, and **52, 38.683, 151.601** is the 20% darker color. If you saturate the color by 10%, you get **71, 48.433, 150.199**, and if you desaturate by 10%, it is **73, 28.928, 152.442**.

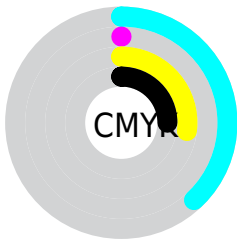
Distribution



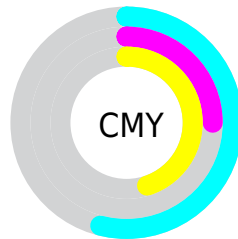
- Red (46%)
- Green (75%)
- Blue (55%)



- Red (46%)
- Yellow (68%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (27%)
- Black (25%)




- Cyan (54%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 38.868, 151.398 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, 38.868, 151.398 by changing the saturation by 10% instead.


 72, 38.868,
151.398

 72, 38.868,
151.398


 100, 38.868,
151.398


 62, 38.868,
151.398

 92, 38.868,
151.398

 52, 38.868,
151.398

 42, 38.868,
151.398

 32, 38.868,
151.398

 22, 38.868,
151.398

 12, 38.868,
151.398

 2, 38.868, 151.398

0, 38.868, 151.398

72, 38.868,
151.398

72, 38.868,
151.398

71, 48.433,
150.199

73, 28.928,
152.442

70, 57.430,
148.825

75, 18.785,
153.353

69, 65.671,
147.265

76, 8.589, 154.164

69, 72.994,
145.523

78, 1.540, 334.603


68, 79.281,
143.630

80, 11.511,
335.402


68, 84.518,
141.686

82, 21.260,
335.960

84, 30.745,

 68, 85.253,
141.414

336.454

 85, 36.180,
329.388

 85, 39.289,
325.788

Harmonies

Complementary

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



72, 38.868, 151.398



59, 39.356, 337.611

Rectangle

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



72, 38.868, 151.398



72, 38.868, 201.398



72, 38.868, 331.398



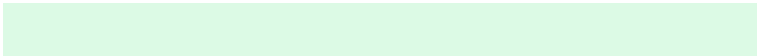
72, 38.868, 21.398

Sweetspot

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



72, 38.869, 151.398



96, 15.062, 153.871



75, 40.024, 119.592



51, 9.993, 153.766



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 38.869, 151.398



90, 56.974, 150.420



73, 26.501, 179.600



40, 5.781, 154.094



58, 74.111, 141.703



10, 20.813, 150.400

Inverse Universe

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



59, 39.356, 337.611



71, 57.600, 338.351



58, 31.183, 7.898



38, 5.811, 335.326



35, 65.039, 345.433



3, 18.093, 340.861

Previews

White Background



This preview shows how the CIELCh color 72, 38.868, 151.398 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, 38.868, 151.398 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, 38.868, 151.398

Background



This preview shows how black text looks on a background with the CIELCh color 72, 38.868, 151.398.

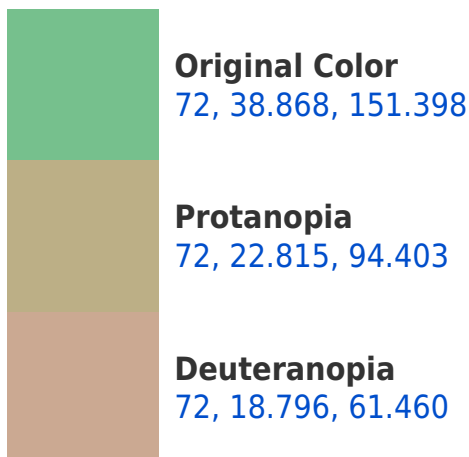


This preview shows how white text looks on a background with the CIELCh color 72, 38.868, 151.398.

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
72, 19.171, 223.590

Trichromacy



Original Color
72, 38.868, 151.398



Protanomaly
71, 24.798, 124.634



Deuteranomaly
71, 17.976, 114.749



Tritanomaly
72, 21.939, 184.699

Monochromacy



Original Color
72, 38.868, 151.398



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 14.283, 154.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 38.868, 151.398 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(118, 192, 141)` looks like.

```
.text, #text, p{  
    color:rgb(118, 192, 141)  
}
```

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(118, 192, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 192, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 38.868, 151.398 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(118, 192, 141) }
```

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

```
.border{ border-color:rgb(118, 192, 141) }
```

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

Here you see how a box with a 4 pixel rgb(118, 192, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 192, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 192, 141);  
box-shadow:4px 4px 4px 4px rgb(118, 192,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 38.868, 151.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 192, 141) }
```

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

```
.background{ background-color: rgb(118,  
192, 141) }
```

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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