

Converting Colors

CIELCh(69, 36.897, 147.898)

Have a look what the booklet for
CIELCh(69, 36.897, 147.898)
contains.

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Color

CIELCh(69, 36.897, 147.898)

Conversions

Conversions Part 1

Format	Color
Hex	77B784
RGB	119, 183, 132
RGB Percent	47%, 72%, 52%
CMY	0.5342, 0.2832, 0.4832
CMYK	0.35, 0.00, 0.28, 0.28
HSL	132°, 31%, 59%
HSV	132°, 35%, 72%
XYZ	28.6183, 39.3444, 27.8421
YIQ	158.0500, -21.7730, -29.4290

Conversions

Conversions Part 2

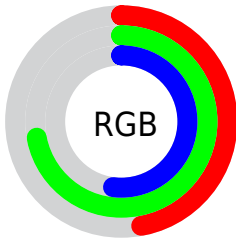
Format	Color
RYB	119, 172, 183
Decimal	7845764
CIELab	69.00, -31.26, 19.61
CIElCh	69, 36.897, 147.898
Yxy	39.3444, 0.2987, 0.4107
Android (android.graphics.Color)	4286035844 (0xFF77B784)
YUV	158.0500, -12.8426, -34.2468
Hunter-Lab	62.7251, -28.3284, 17.5902

Details

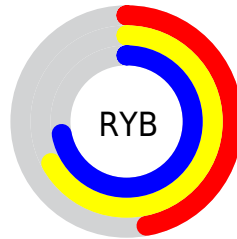
The CIELCh color $69, 36.897, 147.898$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $58, 37.049, 332.896$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 36.855, 147.847$, and $49, 37.267, 147.748$ is the 20% darker color. If you saturate the color by 10%, you get $68, 47.047, 146.815$, and if you desaturate by 10%, it is $70, 26.434, 148.836$.

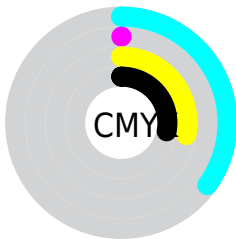
Distribution



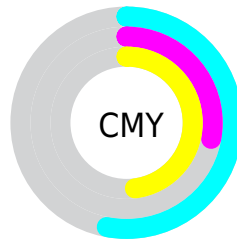
- Red (47%)
- Green (72%)
- Blue (52%)



- Red (47%)
- Yellow (67%)
- Blue (72%)



- Cyan (35%)
- Magenta (0%)
- Yellow (28%)
- Black (28%)





- Cyan (53%)
- Magenta (28%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 36.897, 147.898 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 69, 36.897, 147.898 by changing the saturation by 10% instead.

 69, 36.897,
147.898

 69, 36.897,
147.898


 100, 36.897,
147.898


 59, 36.897,
147.898


 89, 36.897,
147.898

 49, 36.897,
147.898

 99, 36.897,
147.898

 39, 36.897,
147.898

 29, 36.897,
147.898

 19, 36.897,
147.898

 9, 36.897, 147.898

 0, 36.897, 147.898

■ 69, 36.897,
147.898

■ 69, 36.897,
147.898

■ 68, 47.047,
146.815

■ 70, 26.434,
148.836

■ 67, 56.667,
145.575

■ 72, 15.836,
149.650

■ 66, 65.529,
144.175

■ 73, 5.253, 150.383

■ 66, 73.405,
142.633

■ 75, 5.202, 330.875

■ 65, 80.080,
140.998

■ 77, 15.447,
331.437

■ 65, 85.382,
139.360

■ 79, 25.428,
331.904

■ 65, 87.560,
138.646

■ 82, 35.110,
332.311

■ 83, 42.496,
328.703

■ 83, 45.243,
325.991

Harmonies

Complementary

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



69, 36.897, 147.898



58, 37.049, 332.896

Rectangle

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



69, 36.897, 147.898



69, 36.897, 197.898



69, 36.897, 327.898



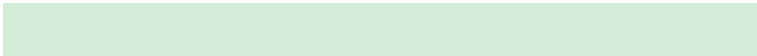
69, 36.897, 17.898

Sweetspot

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



69, 36.898, 147.898



91, 14.314, 149.935



72, 34.506, 115.624



49, 9.702, 149.836



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 36.898, 147.898



86, 54.378, 147.079



70, 25.032, 172.470



38, 5.981, 150.069



56, 77.328, 138.861



8, 17.041, 148.799

Inverse Universe

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



58, 37.049, 332.896



70, 54.495, 333.432



57, 27.759, 359.958



36, 6.000, 331.187



35, 68.382, 338.191



3, 15.340, 334.078

Previews

White Background



This preview shows how the CIE LCh color 69, 36.897, 147.898 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 69, 36.897, 147.898 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 69, 36.897, 147.898

Background



This preview shows how black text looks on a background with the CIELCh color 69, 36.897, 147.898.

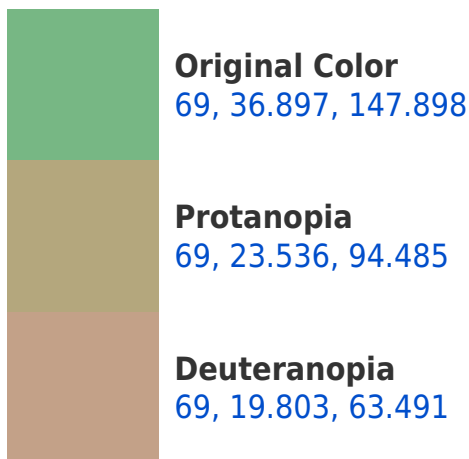


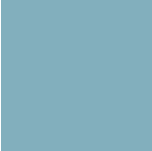
This preview shows how white text looks on a background with the CIELCh color 69, 36.897, 147.898.

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
69, 16.685, 225.986

Trichromacy



Original Color
69, 36.897, 147.898

Protanomaly
69, 25.694, 121.318

Deuteranomaly
68, 19.098, 110.638

Tritanomaly
69, 19.282, 181.192

Monochromacy



Original Color
69, 36.897, 147.898

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 13.781, 148.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 36.897, 147.898 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(119, 183, 132)` looks like.

```
.text, #text, p{  
    color:rgb(119, 183, 132)  
}
```

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(119, 183, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 183, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 36.897, 147.898 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(119, 183, 132) }
```

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

```
.border{ border-color:rgb(119, 183, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 183, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 183, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 183, 132);  
box-shadow:4px 4px 4px 4px rgb(119, 183,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 36.897, 147.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 183, 132) }
```

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

```
.background{ background-color: rgb(119,  
183, 132) }
```

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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