

Converting Colors

CIELCh(71, 37.034, 39.942)

Have a look what the booklet for
CIELCh(71, 37.034, 39.942) contains.

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Color

CIELCh(71, 36.990, 39.936)

Conversions

Conversions Part 1

Format	Color
Hex	EB9984
RGB	235, 153, 132
RGB Percent	92%, 60%, 52%
CMY	0.0778, 0.3994, 0.4818
CMYK	0.00, 0.35, 0.44, 0.08
HSL	12°, 72%, 72%
HSV	12°, 44%, 92%
XYZ	49.9017, 42.1875, 27.3915
YIQ	175.1240, 55.6130, 10.8530

Conversions

Conversions Part 2

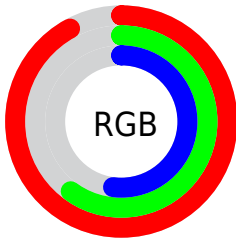
Format	Color
R _Y B	235, 158, 132
Decimal	15440260
CIE Lab	71.00, 28.36, 23.75
CIE LCh	71, 36.990, 39.936
Yxy	42.1875, 0.4177, 0.3531
Android (android.graphics.Color)	4293630340 (0xFFEB9984)
YUV	175.1240, -21.2601, 52.5113
Hunter-Lab	64.9519, 23.4733, 20.4626

Details

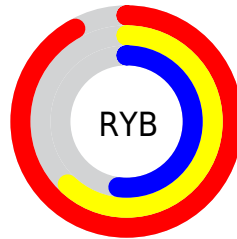
The CIELCh color **71, 36.990, 39.936** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81, 26.749, 222.740**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 22.084, 53.066**, and **51, 36.918, 40.189** is the 20% darker color. If you saturate the color by 10%, you get **66, 47.279, 40.424**, and if you desaturate by 10%, it is **76, 27.384, 39.673**.

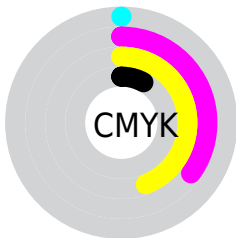
Distribution



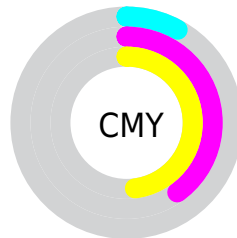
- Red (92%)
- Green (60%)
- Blue (52%)



- Red (92%)
- Yellow (62%)
- Blue (52%)



- Cyan (0%)
- Magenta (35%)
- Yellow (44%)
- Black (8%)



- Cyan (8%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 36.990, 39.936 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 71, 36.990, 39.936 by changing the saturation by 10% instead.

71, 36.990, 39.936

71, 36.990, 39.936

100, 36.990,
39.936

61, 36.990, 39.936

91, 36.990, 39.936

51, 36.990, 39.936

41, 36.990, 39.936

31, 36.990, 39.936

21, 36.990, 39.936

11, 36.990, 39.936

1, 36.990, 39.936

0, 36.990, 39.936

71, 36.990, 39.936

71, 36.990, 39.936

66, 47.279, 40.424

76, 27.384, 39.673

62, 58.147, 41.139

81, 18.490, 39.581

59, 69.318, 42.048

86, 10.286, 39.618

55, 80.167, 42.955

91, 2.722, 39.626

53, 89.324, 43.336

96, 4.260, 220.249

52, 93.656, 43.253

99, 6.798, 199.072

Harmonies

Complementary

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



71, 36.990, 39.936



81, 26.749, 222.740

Rectangle

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



71, 36.990, 39.936



71, 36.990, 89.936



71, 36.990, 219.936



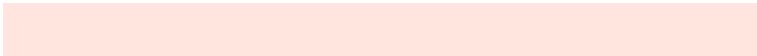
71, 36.990, 269.936

Sweetspot

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



71, 36.988, 39.941



93, 10.308, 39.624



69, 56.429, 333.436



48, 7.280, 39.607



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 36.988, 39.941



72, 49.619, 40.389



83, 39.876, 88.012



46, 4.148, 39.652



40, 76.570, 43.661



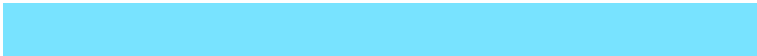
9, 24.873, 34.446

Inverse Universe

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



81, 26.749, 222.740



85, 32.929, 224.018



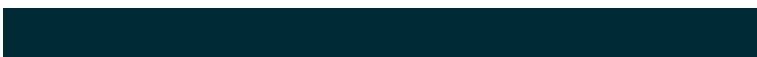
67, 40.375, 281.222



48, 3.910, 220.319



55, 34.038, 236.362



15, 14.428, 229.856

Previews

White Background



This preview shows how the CIELCh color 71, 36.990, 39.936 looks on a white background.

Color Contrast Check

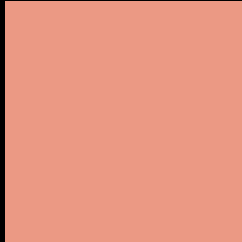
Large Text (above 18pt) WCAG AA × Fail

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 71, 36.990, 39.936 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 71, 36.990, 39.936

Background



This preview shows how black text looks on a background with the CIELCh color 71, 36.990, 39.936.

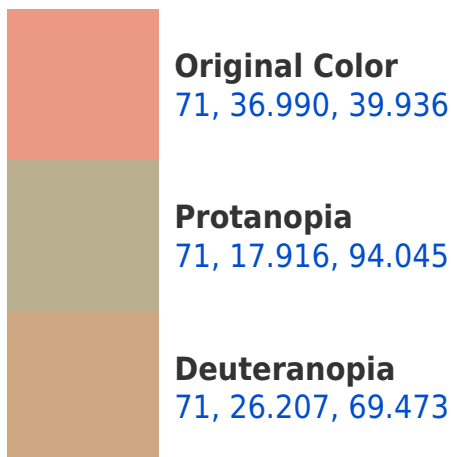


This preview shows how white text looks on a background with the CIELCh color 71, 36.990, 39.936.

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](#).

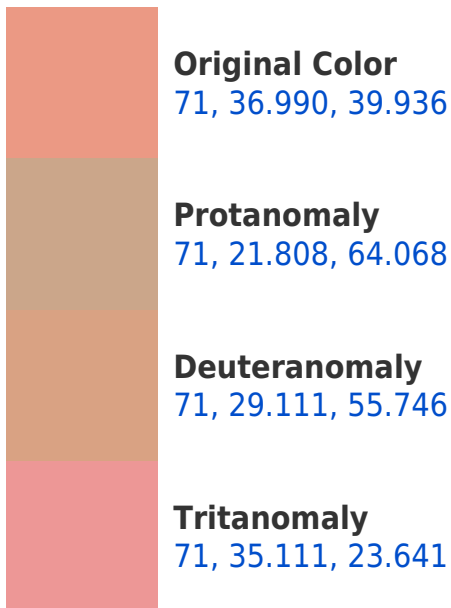
Dichromacy





Tritanopia
71, 35.799, 13.607

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 36.990, 39.936 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(235, 153, 132)` looks like.

```
.text, #text, p{  
    color:rgb(235, 153, 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(235, 153, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 153, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 36.990, 39.936 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(235, 153, 132) }
```

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

```
.border{ border-color:rgb(235, 153, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 153, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 153, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 153, 132);  
box-shadow:4px 4px 4px 4px rgb(235, 153,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 36.990, 39.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 153, 132) }
```

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

```
.background{ background-color: rgb(235,  
153, 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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