

Converting Colors

CIELCh(71, 35.934, 51.874)

Have a look what the booklet for
CIELCh(71, 35.934, 51.874) contains.

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Color

CIELCh(71, 35.879, 51.883)

Conversions

Conversions Part 1

Format	Color
Hex	E49E7C
RGB	228, 158, 124
RGB Percent	89%, 62%, 49%
CMY	0.1076, 0.3819, 0.5152
CMYK	0.00, 0.31, 0.46, 0.11
HSL	20°, 65%, 69%
HSV	20°, 46%, 89%
XYZ	47.6302, 42.1875, 24.5761
YIQ	175.0540, 52.6340, 4.2660

Conversions

Conversions Part 2

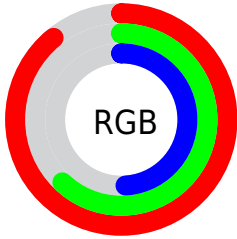
Format	Color
R _Y B	228, 175, 124
Decimal	14982780
CIE Lab	71.00, 22.15, 28.23
CIE LCh	71, 35.879, 51.883
Yxy	42.1875, 0.4164, 0.3688
Android (android.graphics.Color)	4293172860 (0xFFE49E7C)
YUV	175.0540, -25.1696, 46.4336
Hunter-Lab	64.9519, 17.2308, 23.0325

Details

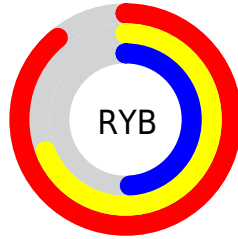
The CIELCh color **71, 35.879, 51.883** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **75, 27.152, 241.159**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 25.212, 67.512**, and **51, 35.811, 51.434** is the 20% darker color. If you saturate the color by 10%, you get **67, 45.360, 51.466**, and if you desaturate by 10%, it is **75, 26.985, 52.408**.

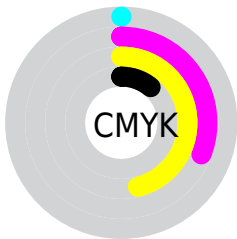
Distribution



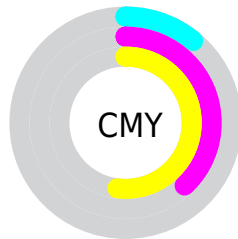
- Red (89%)
- Green (62%)
- Blue (49%)



- Red (89%)
- Yellow (69%)
- Blue (49%)



- Cyan (0%)
- Magenta (31%)
- Yellow (46%)
- Black (11%)



- Cyan (11%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 35.879, 51.883 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, 35.879, 51.883 by changing the saturation by 10% instead.

71, 35.879, 51.883

71, 35.879, 51.883

100, 35.879,
51.883

61, 35.879, 51.883

91, 35.879, 51.883

51, 35.879, 51.883

41, 35.879, 51.883

31, 35.879, 51.883

21, 35.879, 51.883

11, 35.879, 51.883

1, 35.879, 51.883

0, 35.879, 51.883

71, 35.879, 51.883

71, 35.879, 51.883

67, 45.360, 51.466

75, 26.985, 52.408

63, 55.324, 51.125

79, 18.701, 53.014

60, 65.479, 50.784

84, 11.000, 53.683

57, 75.152, 50.219

88, 3.839, 54.334

54, 83.031, 48.952

92, 2.836, 235.444

53, 85.915, 48.318

97, 7.911, 219.931

98, 9.328, 198.887

Harmonies

Complementary

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



71, 35.879, 51.883



75, 27.152, 241.159

Rectangle

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



71, 35.879, 51.883



71, 35.879, 101.883



71, 35.879, 231.883



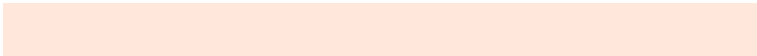
71, 35.879, 281.883

Sweetspot

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



71, 35.878, 51.888



93, 10.712, 53.792



65, 52.851, 338.580



49, 7.455, 53.643



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, 35.878, 51.888



75, 49.087, 51.479



84, 44.596, 96.027



46, 3.923, 54.105



42, 71.229, 48.878



10, 21.963, 42.994

Inverse Universe

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



75, 27.152, 241.159



80, 34.602, 243.506



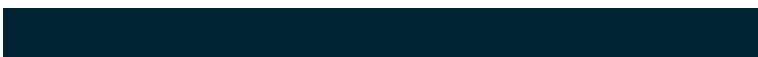
61, 47.804, 288.717



46, 3.740, 235.817



48, 39.146, 260.841



12, 15.173, 251.495

Previews

White Background



This preview shows how the CIELCh color 71, 35.879, 51.883 looks on a white background.

Color Contrast Check

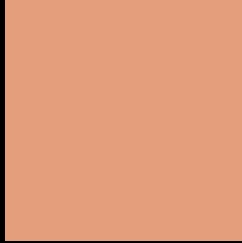
Large Text (above 18pt) WCAG AA × Fail

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 71, 35.879, 51.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

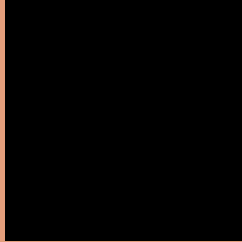
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 35.879, 51.883

Background



This preview shows how black text looks on a background with the CIELCh color 71, 35.879, 51.883.



This preview shows how white text looks on a background with the CIELCh color 71, 35.879, 51.883.

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

71, 35.879, 51.883

Protanopia

71, 23.886, 94.836

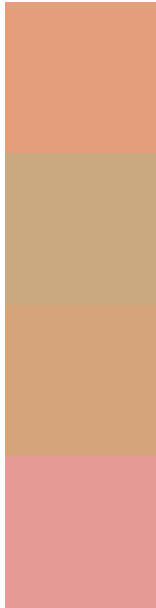
Deuteranopia

71, 30.090, 73.254



Tritanopia
71, 31.749, 10.909

Trichromacy



Original Color
71, 35.879, 51.883

Protanomaly
71, 26.225, 74.951

Deuteranomaly
71, 31.307, 65.017

Tritanomaly
71, 31.285, 27.173

Monochromacy



Original Color
71, 35.879, 51.883

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 12.229, 55.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 35.879, 51.883 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(228, 158, 124)` looks like.

```
.text, #text, p{  
    color:rgb(228, 158, 124)  
}
```

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(228, 158, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 158, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 35.879, 51.883 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(228, 158, 124) }
```

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

```
.border{ border-color:rgb(228, 158, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 158, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 158, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 158, 124); box-shadow:4px 4px 4px 4px rgb(228, 158, 124) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 35.879, 51.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 158, 124) }
```

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

```
.background{ background-color: rgb(228,  
158, 124) }
```

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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