

Converting Colors

CIELCh(70, 35.548, 45.188)

Have a look what the booklet for
CIELCh(70, 35.548, 45.188) contains.

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Color

CIELCh(70, 35.530, 44.996)

Conversions

Conversions Part 1

Format	Color
Hex	E4997F
RGB	228, 153, 127
RGB Percent	89%, 60%, 50%
CMY	0.1064, 0.4004, 0.5024
CMYK	0.00, 0.33, 0.44, 0.11
HSL	15°, 65%, 70%
HSV	15°, 44%, 89%
XYZ	47.1525, 40.7494, 25.4224
YIQ	172.4610, 53.0460, 7.8140

Conversions

Conversions Part 2

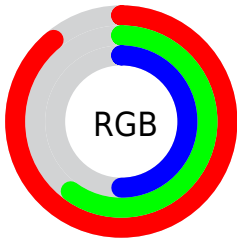
Format	Color
R_{YB}	228, 162, 127
Decimal	14981503
CIE Lab	70.00, 25.13, 25.12
CIE LCh	70, 35.530, 44.996
Yxy	40.7494, 0.4161, 0.3596
Android (android.graphics.Color)	4293171583 (0xFFE4997F)
YUV	172.4610, -22.4123, 48.7077
Hunter-Lab	63.8353, 20.1390, 21.0724

Details

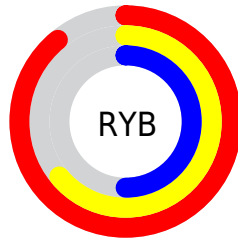
The CIELCh color **70, 35.530, 44.996** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **77, 26.090, 230.627**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 23.767, 57.932**, and **50, 35.519, 44.382** is the 20% darker color. If you saturate the color by 10%, you get **66, 45.296, 45.073**, and if you desaturate by 10%, it is **74, 26.414, 45.089**.

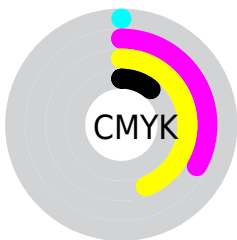
Distribution



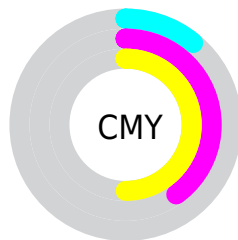
- Red (89%)
- Green (60%)
- Blue (50%)



- Red (89%)
- Yellow (64%)
- Blue (50%)



- Cyan (0%)
- Magenta (33%)
- Yellow (44%)
- Black (11%)



- Cyan (11%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 35.530, 44.996 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 70, 35.530, 44.996 by changing the saturation by 10% instead.

70, 35.530, 44.996

70, 35.530, 44.996

100, 35.530,
44.996

60, 35.530, 44.996

90, 35.530, 44.996

50, 35.530, 44.996

40, 35.530, 44.996

30, 35.530, 44.996

20, 35.530, 44.996

10, 35.530, 44.996

0, 35.530, 44.996

70, 35.530, 44.996

70, 35.530, 44.996

66, 45.296, 45.073

74, 26.414, 45.089

62, 55.621, 45.308

79, 17.967, 45.313

58, 66.245, 45.651

84, 10.159, 45.634

55, 76.557, 45.900

88, 2.942, 45.926

53, 85.253, 45.566

93, 3.742, 226.770

51, 89.209, 45.149

98, 9.025, 200.805

98, 9.225, 198.894

Harmonies

Complementary

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



70, 35.530, 44.996



77, 26.090, 230.627

Rectangle

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



70, 35.530, 44.996



70, 35.530, 94.996



70, 35.530, 224.996



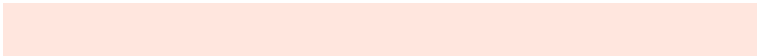
70, 35.530, 274.996

Sweetspot

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



70, 35.529, 45.001



93, 10.058, 45.678



66, 53.764, 335.493



49, 7.101, 45.600



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 35.529, 45.001



74, 48.238, 45.059



82, 40.944, 91.699



46, 3.977, 45.804



40, 73.884, 45.621



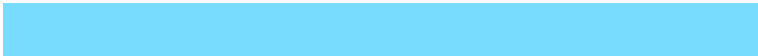
9, 22.834, 37.254

Inverse Universe

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



77, 26.090, 230.627



83, 32.801, 232.283



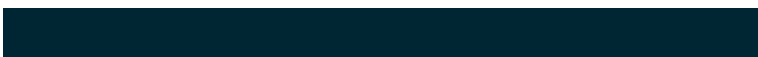
64, 42.535, 284.604



47, 3.763, 226.949



52, 35.283, 247.655



13, 14.256, 239.315

Previews

White Background



This preview shows how the CIELCh color 70, 35.530, 44.996 looks on a white background.

Color Contrast Check

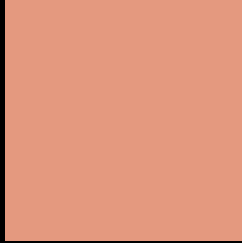
Large Text (above 18pt) WCAG AA × Fail

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 70, 35.530, 44.996 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 70, 35.530, 44.996

Background



This preview shows how black text looks on a background with the CIELCh color 70, 35.530, 44.996.

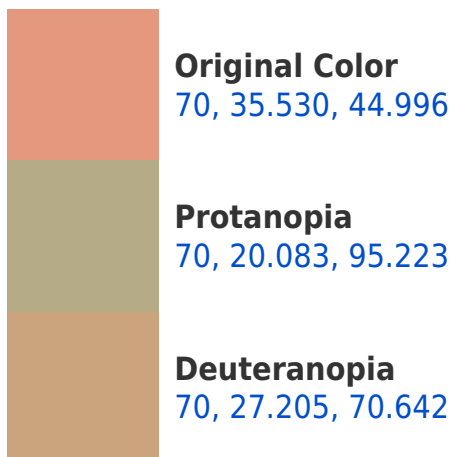


This preview shows how white text looks on a background with the CIELCh color 70, 35.530, 44.996.

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
70, 33.456, 12.669

Trichromacy



Original Color
70, 35.530, 44.996

Protanomaly
70, 22.981, 68.910

Deuteranomaly
70, 29.286, 59.393

Tritanomaly
70, 32.881, 25.328

Monochromacy



Original Color
70, 35.530, 44.996

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 11.811, 44.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 35.530, 44.996 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, 153, 127)` looks like.

```
.text, #text, p{  
    color:rgb(228, 153, 127)  
}
```

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, 153, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 153, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 35.530, 44.996 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, 153, 127) }
```

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

```
.border{ border-color:rgb(228, 153, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 153, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 153, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 153, 127);  
box-shadow:4px 4px 4px 4px rgb(228, 153,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 35.530, 44.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 153, 127) }
```

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

```
.background{ background-color: rgb(228,  
153, 127) }
```

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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