

Converting Colors

CIELCh(70, 33.587, 51.181)

Have a look what the booklet for
CIELCh(70, 33.587, 51.181) contains.

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Color

CIELCh(70, 33.444, 51.225)

Conversions

Conversions Part 1

Format	Color
Hex	DE9C7D
RGB	222, 156, 125
RGB Percent	87%, 61%, 49%
CMY	0.1297, 0.3885, 0.5101
CMYK	0.00, 0.30, 0.44, 0.13
HSL	19°, 59%, 68%
HSV	19°, 44%, 87%
XYZ	45.6742, 40.7494, 24.8377
YIQ	172.2000, 49.2870, 4.3510

Conversions

Conversions Part 2

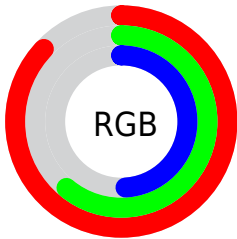
Format	Color
R_{YB}	222, 171, 125
Decimal	14589053
CIE Lab	70.00, 20.94, 26.07
CIE LCh	70, 33.444, 51.225
Yxy	40.7494, 0.4105, 0.3662
Android (android.graphics.Color)	4292779133 (0xFFDE9C7D)
YUV	172.2000, -23.2696, 43.6746
Hunter-Lab	63.8353, 16.0052, 21.6155

Details

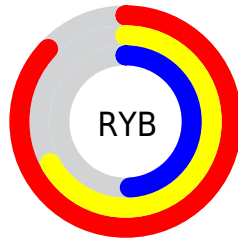
The CIELCh color **70, 33.444, 51.225** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74, 25.557, 239.656**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 24.630, 63.978**, and **50, 33.196, 50.738** is the 20% darker color. If you saturate the color by 10%, you get **66, 42.654, 50.839**, and if you desaturate by 10%, it is **74, 24.825, 51.724**.

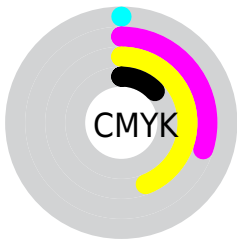
Distribution



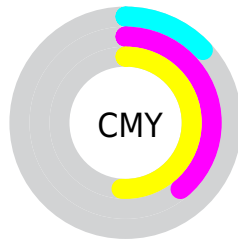
- Red (87%)
- Green (61%)
- Blue (49%)



- Red (87%)
- Yellow (67%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (44%)
- Black (13%)



- Cyan (13%)
- Magenta (39%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 33.444, 51.225 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, 33.444, 51.225 by changing the saturation by 10% instead.

 70, 33.444, 51.225

 70, 33.444, 51.225

 100, 33.444,
51.225

 60, 33.444, 51.225

 90, 33.444, 51.225

 50, 33.444, 51.225

 40, 33.444, 51.225

 30, 33.444, 51.225

 20, 33.444, 51.225

 10, 33.444, 51.225

 0, 33.444, 51.225

 70, 33.444, 51.225

 70, 33.444, 51.225

 66, 42.654, 50.839

 74, 24.825, 51.724

62, 52.378, 50.543

78, 16.807, 52.306

59, 62.378, 50.281

82, 9.360, 52.946

56, 72.097, 49.868

87, 2.437, 53.503

53, 80.386, 48.882

91, 4.015, 234.610

52, 84.602, 47.991

96, 9.284, 226.997

98, 11.179,
198.760

Harmonies

Complementary

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



70, 33.444, 51.225



74, 25.557, 239.656

Rectangle

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



70, 33.444, 51.225



70, 33.444, 101.225



70, 33.444, 231.225



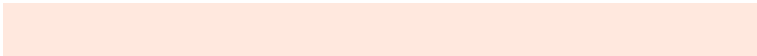
70, 33.444, 281.225

Sweetspot

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



70, 33.443, 51.230



94, 9.916, 52.986



65, 49.701, 338.388



49, 6.996, 52.841



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, 33.443, 51.230



76, 46.010, 50.884



82, 41.854, 96.274



45, 3.853, 53.220



41, 70.729, 48.529



9, 20.758, 41.489

Inverse Universe

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



74, 25.557, 239.656



81, 32.966, 241.612



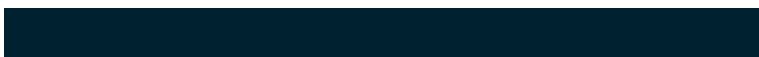
61, 44.659, 288.270



45, 3.670, 234.873



48, 38.219, 259.490



11, 14.515, 249.655

Previews

White Background



This preview shows how the CIELCh color 70, 33.444, 51.225 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, 33.444, 51.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

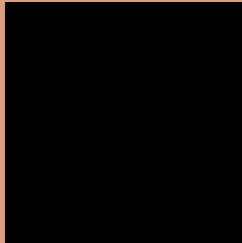
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 33.444, 51.225

Background



This preview shows how black text looks on a background with the CIELCh color 70, 33.444, 51.225.

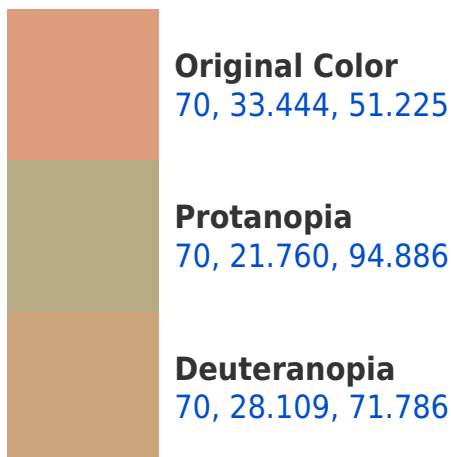


This preview shows how white text looks on a background with the CIELCh color 70, 33.444, 51.225.

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, 29.785, 10.944

Trichromacy



Original Color
70, 33.444, 51.225

Protanomaly
70, 24.157, 75.592

Deutanomaly
70, 29.453, 63.060

Tritanomaly
70, 29.120, 26.325

Monochromacy



Original Color
70, 33.444, 51.225

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 11.287, 52.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 33.444, 51.225 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(222, 156, 125)` looks like.

```
.text, #text, p{  
    color:rgb(222, 156, 125)  
}
```

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(222, 156, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 156, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 33.444, 51.225 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(222, 156, 125) }
```

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

```
.border{ border-color:rgb(222, 156, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 156, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 156, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 156, 125);  
box-shadow:4px 4px 4px 4px rgb(222, 156,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 33.444, 51.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 156, 125) }
```

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

```
.background{ background-color: rgb(222,  
156, 125) }
```

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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