

Converting Colors

CIELCh(70, 35.220, 56.519)

Have a look what the booklet for
CIELCh(70, 35.220, 56.519) contains.

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Color

CIELCh(70, 35.167, 56.533)

Conversions

Conversions Part 1

Format	Color
Hex	DD9D77
RGB	221, 157, 119
RGB Percent	87%, 62%, 47%
CMY	0.1339, 0.3848, 0.5338
CMYK	0.00, 0.29, 0.46, 0.13
HSL	22°, 60%, 67%
HSV	22°, 46%, 87%
XYZ	45.1335, 40.7494, 22.9006
YIQ	171.8040, 50.3420, 1.7500

Conversions

Conversions Part 2

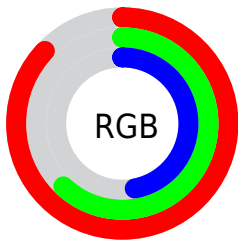
Format	Color
R _Y B	221, 180, 119
Decimal	14523767
CIE Lab	70.00, 19.39, 29.34
CIE LCh	70, 35.167, 56.533
Yxy	40.7494, 0.4149, 0.3746
Android (android.graphics.Color)	4292713847 (0xFFDD9D77)
YUV	171.8040, -26.0324, 43.1449
Hunter-Lab	63.8353, 14.4931, 23.4146

Details

The CIELCh color **70, 35.167, 56.533** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **72, 27.488, 247.786**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 27.171, 69.442**, and **50, 35.032, 56.206** is the 20% darker color. If you saturate the color by 10%, you get **66, 44.236, 55.822**, and if you desaturate by 10%, it is **74, 26.612, 57.314**.

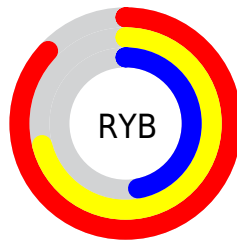
Distribution



Red (87%)

Green (62%)

Blue (47%)



Red (87%)

Yellow (71%)

Blue (47%)

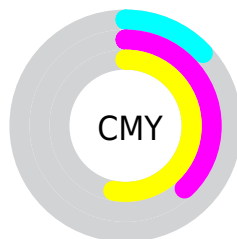


Cyan (0%)

Magenta (29%)

Yellow (46%)

Black (13%)



Cyan (13%)

Magenta (38%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 35.167, 56.533 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, 35.167, 56.533 by changing the saturation by 10% instead.

 70, 35.167, 56.533

 70, 35.167, 56.533

 100, 35.167,
56.533

 60, 35.167, 56.533

 90, 35.167, 56.533

 50, 35.167, 56.533

 40, 35.167, 56.533

 30, 35.167, 56.533

 20, 35.167, 56.533

 10, 35.167, 56.533

 0, 35.167, 56.533

 70, 35.167, 56.533

 70, 35.167, 56.533

 66, 44.236, 55.822

 74, 26.612, 57.314

63, 53.703, 55.140

78, 18.598, 58.146

60, 63.266, 54.402

82, 11.106, 59.015

57, 72.248, 53.385

86, 4.099, 59.858

54, 79.430, 51.649

90, 2.470, 241.119

53, 81.838, 50.949

94, 8.650, 241.918

97, 11.144,
201.740

98, 11.524,
198.736

Harmonies

Complementary

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



70, 35.167, 56.533



72, 27.488, 247.786

Rectangle

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



70, 35.167, 56.533



70, 35.167, 106.533



70, 35.167, 236.533



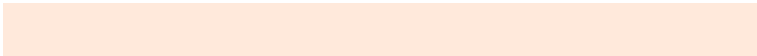
70, 35.167, 286.533

Sweetspot

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



70, 35.166, 56.538



94, 10.727, 59.196



63, 50.469, 341.062



49, 7.460, 59.005



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, 35.166, 56.538



76, 48.552, 55.873



83, 45.953, 99.005



44, 3.789, 59.599



42, 67.933, 51.570



9, 18.921, 45.679

Inverse Universe

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



72, 27.488, 247.786



78, 35.806, 250.255



58, 50.221, 291.296



44, 3.635, 241.609



44, 41.645, 268.126



10, 14.897, 257.424

Previews

White Background



This preview shows how the CIELCh color 70, 35.167, 56.533 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 70, 35.167, 56.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

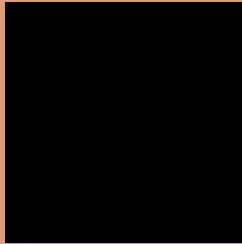
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 35.167, 56.533

Background



This preview shows how black text looks on a background with the CIELCh color 70, 35.167, 56.533.



This preview shows how white text looks on a background with the CIELCh color 70, 35.167, 56.533.

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](#).

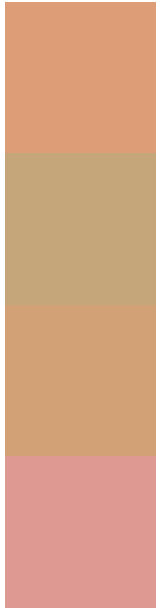
Dichromacy





Tritanopia
70, 29.825, 9.912

Trichromacy



Original Color
70, 35.167, 56.533

Protanomaly
70, 27.020, 78.730

Deuteranomaly
70, 32.292, 66.070

Tritanomaly
70, 28.963, 28.424

Monochromacy



Original Color
70, 35.167, 56.533

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 11.965, 59.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 35.167, 56.533 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(221, 157, 119)` looks like.

```
.text, #text, p{  
    color:rgb(221, 157, 119)  
}
```

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(221, 157, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 157, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 35.167, 56.533 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(221, 157, 119) }
```

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

```
.border{ border-color:rgb(221, 157, 119) }
```

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

Here you see how a box with a 4 pixel rgb(221, 157, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 157, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 157, 119);  
box-shadow:4px 4px 4px 4px rgb(221, 157,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 35.167, 56.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 157, 119) }
```

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

```
.background{ background-color: rgb(221,  
157, 119) }
```

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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