

Converting Colors

CIELCh(67, 30.529, 49.995)

Have a look what the booklet for
CIELCh(67, 30.529, 49.995) contains.

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Color

CIELCh(67, 30.543, 49.994)

Conversions

Conversions Part 1

Format	Color
Hex	D2957A
RGB	210, 149, 122
RGB Percent	82%, 58%, 48%
CMY	0.1762, 0.4154, 0.5213
CMYK	0.00, 0.29, 0.42, 0.18
HSL	18°, 49%, 65%
HSV	18°, 42%, 82%
XYZ	40.8707, 36.6320, 23.3476
YIQ	164.1610, 45.0230, 4.5350

Conversions

Conversions Part 2

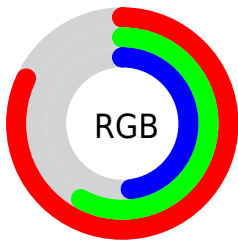
Format	Color
R _Y B	210, 161, 122
Decimal	13800826
CIE Lab	67.00, 19.64, 23.40
CIE LCh	67, 30.543, 49.994
Yxy	36.6320, 0.4053, 0.3632
Android (android.graphics.Color)	4291990906 (0xFFD2957A)
YUV	164.1610, -20.7854, 40.2008
Hunter-Lab	60.5244, 14.6194, 19.4956

Details

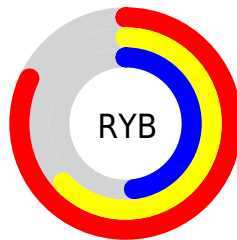
The CIELCh color **67, 30.543, 49.994** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71, 23.491, 237.419**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 25.549, 55.184**, and **47, 30.437, 50.242** is the 20% darker color. If you saturate the color by 10%, you get **63, 39.298, 49.676**, and if you desaturate by 10%, it is **71, 22.368, 50.434**.

Distribution



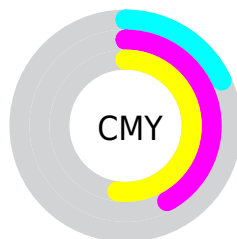
- Red (82%)
- Green (58%)
- Blue (48%)



- Red (82%)
- Yellow (63%)
- Blue (48%)



- Cyan (0%)
- Magenta (29%)
- Yellow (42%)
- Black (18%)



- Cyan (18%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 30.543, 49.994 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 67, 30.543, 49.994 by changing the saturation by 10% instead.

67, 30.543, 49.994

67, 30.543, 49.994

100, 30.543,
49.994

57, 30.543, 49.994

87, 30.543, 49.994

47, 30.543, 49.994

97, 30.543, 49.994

37, 30.543, 49.994

27, 30.543, 49.994

17, 30.543, 49.994

7, 30.543, 49.994

0, 30.543, 49.994

67, 30.543, 49.994

67, 30.543, 49.994

63, 39.298, 49.676

71, 22.368, 50.434

60, 48.578, 49.463

75, 14.775, 50.961

56, 58.198, 49.318

79, 7.729, 51.544

53, 67.711, 49.092

83, 1.184, 51.841

51, 76.149, 48.418

88, 4.912, 233.094

49, 81.648, 47.472

92, 10.609,
233.766

96, 13.735,
207.259

97, 14.978,
198.508

Harmonies

Complementary

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



67, 30.543, 49.994



71, 23.491, 237.419

Rectangle

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



67, 30.543, 49.994



67, 30.543, 99.994



67, 30.543, 229.994



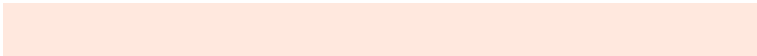
67, 30.543, 279.994

Sweetspot

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



67, 30.542, 49.999



94, 9.932, 51.470



63, 46.187, 337.450



49, 7.008, 51.338



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 30.542, 49.999



76, 44.092, 49.712



78, 37.840, 95.447



42, 3.639, 51.687



39, 68.831, 47.997



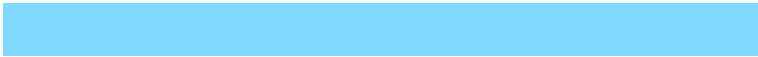
7, 16.797, 37.857

Inverse Universe

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



71, 23.491, 237.419



82, 31.764, 239.206



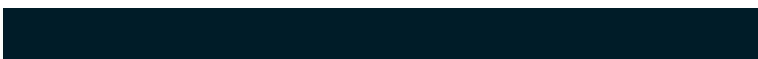
59, 39.965, 286.949



42, 3.463, 233.232



46, 36.146, 257.001



9, 12.753, 245.388

Previews

White Background



This preview shows how the CIELCh color 67, 30.543, 49.994 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 67, 30.543, 49.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

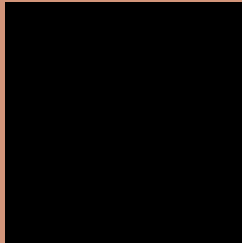
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 30.543, 49.994

Background



This preview shows how black text looks on a background with the CIELCh color 67, 30.543, 49.994.



This preview shows how white text looks on a background with the CIELCh color 67, 30.543, 49.994.

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
67, 28.050, 10.029

Trichromacy



Original Color
67, 30.543, 49.994

Protanomaly
67, 21.560, 73.910

Deuteranomaly
67, 26.804, 62.496

Tritanomaly
67, 27.194, 25.449

Monochromacy



Original Color
67, 30.543, 49.994

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 10.385, 51.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 30.543, 49.994 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(210, 149, 122)` looks like.

```
.text, #text, p{  
    color:rgb(210, 149, 122)  
}
```

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(210, 149, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 149, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 30.543, 49.994 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(210, 149, 122) }
```

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

```
.border{ border-color:rgb(210, 149, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 149, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 149, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 149, 122);  
box-shadow:4px 4px 4px 4px rgb(210, 149,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 30.543, 49.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 149, 122) }
```

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

```
.background{ background-color: rgb(210,  
149, 122) }
```

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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