

Converting Colors

CIELCh(67, 41.549, 57.124)

Have a look what the booklet for
CIELCh(67, 41.549, 57.124) contains.

CIELCh(67, 41.768, 56.847)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 41.768, 56.847)

Conversions

Conversions Part 1

Format	Color
Hex	DB9265
RGB	219, 146, 101
RGB Percent	86%, 57%, 40%
CMY	0.1405, 0.4268, 0.6034
CMYK	0.00, 0.33, 0.54, 0.14
HSL	23°, 62%, 63%
HSV	23°, 54%, 86%
XYZ	41.9215, 36.6320, 17.2094
YIQ	162.6970, 57.9530, 1.4810

Conversions

Conversions Part 2

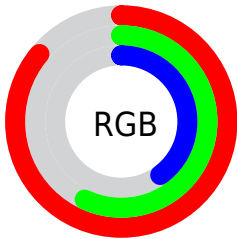
Format	Color
R _Y B	219, 174, 101
Decimal	14389861
CIE Lab	67.00, 22.84, 34.97
CIE LCh	67, 41.768, 56.847
Yxy	36.6320, 0.4378, 0.3825
Android (android.graphics.Color)	4292579941 (0xFFDB9265)
YUV	162.6970, -30.4166, 49.3777
Hunter-Lab	60.5244, 17.7183, 25.5086

Details

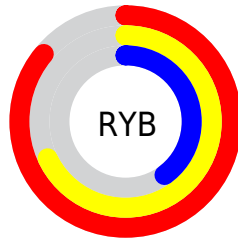
The CIELCh color $67, 41.768, 56.847$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $68, 31.398, 251.036$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 33.829, 66.328$, and $47, 41.866, 56.659$ is the 20% darker color. If you saturate the color by 10%, you get $64, 51.053, 56.108$, and if you desaturate by 10%, it is $71, 32.902, 57.631$.

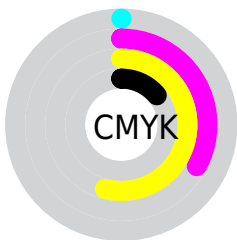
Distribution



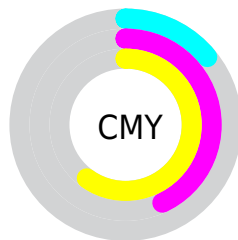
- Red (86%)
- Green (57%)
- Blue (40%)



- Red (86%)
- Yellow (68%)
- Blue (40%)



- Cyan (0%)
- Magenta (33%)
- Yellow (54%)
- Black (14%)



- Cyan (14%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 41.768, 56.847 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, 41.768, 56.847 by changing the saturation by 10% instead.

67, 41.768, 56.847

67, 41.768, 56.847

100, 41.768,
56.847

57, 41.768, 56.847

87, 41.768, 56.847

47, 41.768, 56.847

97, 41.768, 56.847

37, 41.768, 56.847

27, 41.768, 56.847

17, 41.768, 56.847

7, 41.768, 56.847

0, 41.768, 56.847

67, 41.768, 56.847

67, 41.768, 56.847

64, 51.053, 56.108

71, 32.902, 57.631

60, 60.512, 55.330

74, 24.547, 58.465

57, 69.580, 54.335

78, 16.718, 59.346

55, 77.172, 52.738

82, 9.390, 60.254

53, 80.955, 51.505

86, 2.525, 61.067

90, 3.925, 242.352

94, 10.004,
243.241

97, 11.941,
199.644

98, 12.072,
198.699

Harmonies

Complementary

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



67, 41.768, 56.847



68, 31.398, 251.036

Rectangle

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



67, 41.768, 56.847



67, 41.768, 106.847



67, 41.768, 236.847



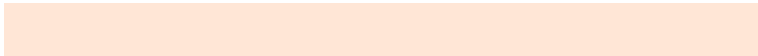
67, 41.768, 286.847

Sweetspot

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



67, 41.767, 56.851



93, 12.358, 60.046



59, 57.596, 341.920



49, 8.401, 59.857



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, 41.767, 56.851



73, 59.042, 55.981



81, 52.802, 98.148



44, 3.795, 60.648



43, 67.608, 52.116



9, 18.847, 46.583

Inverse Universe

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



68, 31.398, 251.036



74, 41.375, 254.778



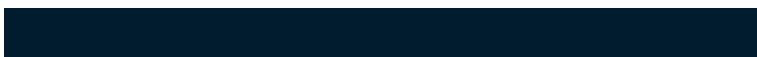
53, 59.066, 293.035



44, 3.646, 242.708



44, 42.365, 269.434



9, 15.076, 258.735

Previews

White Background



This preview shows how the CIELCh color 67, 41.768, 56.847 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, 41.768, 56.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

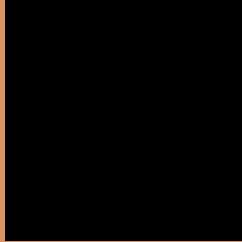
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 41.768, 56.847

Background



This preview shows how black text looks on a background with the CIELCh color 67, 41.768, 56.847.



This preview shows how white text looks on a background with the CIELCh color 67, 41.768, 56.847.

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

67, 41.768, 56.847

Protanopia

67, 30.571, 95.673

Deuteranopia

67, 36.675, 76.498



Tritanopia
67, 33.773, 13.792

Trichromacy



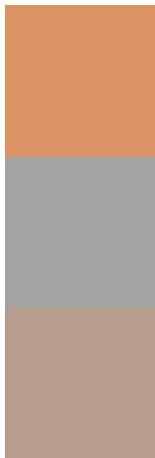
Original Color
67, 41.768, 56.847

Protanomaly
67, 32.115, 78.845

Deuteranomaly
67, 37.884, 68.043

Tritanomaly
67, 34.321, 31.656

Monochromacy



Original Color
67, 41.768, 56.847

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 13.837, 59.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 41.768, 56.847 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(219, 146, 101)` looks like.

```
.text, #text, p{  
    color:rgb(219, 146, 101)  
}
```

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(219, 146, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 146, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 41.768, 56.847 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(219, 146, 101) }
```

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

```
.border{ border-color:rgb(219, 146, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 146, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 146, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 146, 101);  
box-shadow:4px 4px 4px 4px rgb(219, 146,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 41.768, 56.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 146, 101) }
```

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

```
.background{ background-color: rgb(219,  
146, 101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor