

Converting Colors

CIELCh(67, 42.136, 56.514)

Have a look what the booklet for
CIELCh(67, 42.136, 56.514) contains.

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Color

CIELCh(67, 42.136, 56.514)

Conversions

Conversions Part 1

Format	Color
Hex	DC9265
RGB	220, 146, 101
RGB Percent	86%, 57%, 40%
CMY	0.1380, 0.4281, 0.6045
CMYK	0.00, 0.34, 0.54, 0.14
HSL	23°, 63%, 63%
HSV	23°, 54%, 86%
XYZ	42.0558, 36.6320, 17.1267
YIQ	162.9960, 58.5490, 1.6930

Conversions

Conversions Part 2

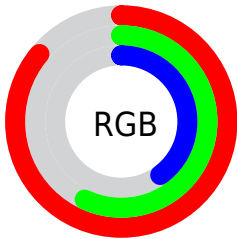
Format	Color
R _Y B	220, 173, 101
Decimal	14455397
CIE Lab	67.00, 23.25, 35.14
CIE LCh	67, 42.136, 56.514
Yxy	36.6320, 0.4389, 0.3823
Android (android.graphics.Color)	4292645477 (0xFFDC9265)
YUV	162.9960, -30.5640, 49.9925
Hunter-Lab	60.5244, 18.1143, 25.5897

Details

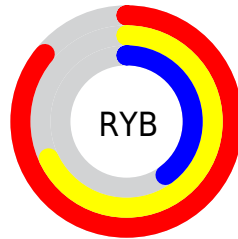
The CIELCh color $67, 42.136, 56.514$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $68, 31.517, 250.669$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 33.829, 66.328$, and $47, 42.264, 56.315$ is the 20% darker color. If you saturate the color by 10%, you get $64, 51.470, 55.796$, and if you desaturate by 10%, it is $71, 33.223, 57.279$.

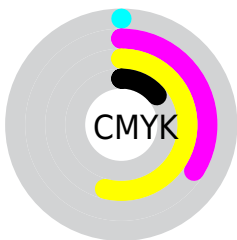
Distribution



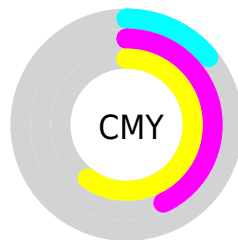
- Red (86%)
- Green (57%)
- Blue (40%)



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



- Cyan (0%)
- Magenta (34%)
- Yellow (54%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 42.136, 56.514 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, 42.136, 56.514 by changing the saturation by 10% instead.

67, 42.136, 56.514

67, 42.136, 56.514

100, 42.136,
56.514

57, 42.136, 56.514

87, 42.136, 56.514

47, 42.136, 56.514

97, 42.136, 56.514

37, 42.136, 56.514

27, 42.136, 56.514

17, 42.136, 56.514

7, 42.136, 56.514

0, 42.136, 56.514

67, 42.136, 56.514

67, 42.136, 56.514

64, 51.470, 55.796

71, 33.223, 57.279

60, 60.974, 55.039

74, 24.826, 58.095

57, 70.070, 54.061

78, 16.959, 58.962

55, 77.651, 52.465

82, 9.601, 59.857

53, 81.284, 51.303

86, 2.709, 60.670

90, 3.761, 241.940

94, 9.856, 242.816

98, 11.862,
198.714

Harmonies

Complementary

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



67, 42.136, 56.514



68, 31.517, 250.669

Rectangle

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



67, 42.136, 56.514



67, 42.136, 106.514



67, 42.136, 236.514



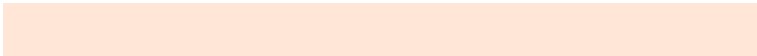
67, 42.136, 286.514

Sweetspot

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



67, 42.135, 56.518



93, 12.352, 59.676



60, 57.983, 341.953



49, 8.397, 59.490



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, 42.135, 56.518



73, 59.086, 55.693



81, 53.174, 98.117



44, 3.792, 60.270



42, 67.725, 51.918



9, 18.873, 46.256

Inverse Universe

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



68, 31.517, 250.669



74, 41.229, 254.319



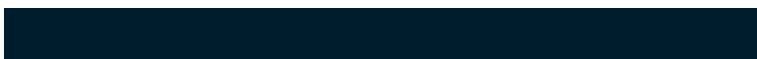
52, 59.538, 293.102



44, 3.642, 242.313



44, 42.103, 268.967



9, 15.011, 258.266

Previews

White Background



This preview shows how the CIELCh color 67, 42.136, 56.514 looks on a white background.

Color Contrast Check

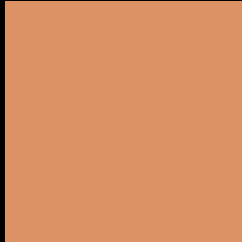
Large Text (above 18pt) WCAG AA × Fail

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, 42.136, 56.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

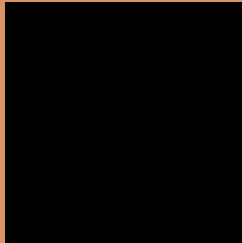
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 42.136, 56.514

Background



This preview shows how black text looks on a background with the CIELCh color 67, 42.136, 56.514.



This preview shows how white text looks on a background with the CIELCh color 67, 42.136, 56.514.

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, 42.136, 56.514

Protanopia

67, 30.571, 95.673

Deuteranopia

67, 36.675, 76.498



Tritanopia
67, 34.175, 13.950

Trichromacy



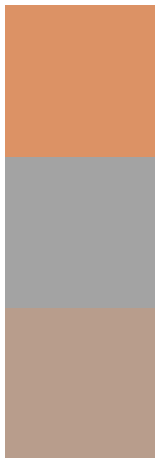
Original Color
67, 42.136, 56.514

Protanomaly
67, 32.825, 78.536

Deuteranomaly
67, 37.884, 68.043

Tritanomaly
67, 34.321, 31.656

Monochromacy



Original Color
67, 42.136, 56.514

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 14.537, 59.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 42.136, 56.514 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(220, 146, 101)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 146, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 146, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 42.136, 56.514 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(220, 146, 101) }
```

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

```
.border{ border-color:rgb(220, 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(220, 146, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 146, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 146, 101);  
box-shadow:4px 4px 4px 4px rgb(220, 146,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 42.136, 56.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 146, 101) }
```

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

```
.background{ background-color: rgb(220,  
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](#).

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