

Converting Colors

CIELCh(69, 38.409, 57.215)

Have a look what the booklet for
CIELCh(69, 38.409, 57.215) contains.

CIELCh(69, 38.354, 57.206)	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(69, 38.354, 57.206)

Conversions

Conversions Part 1

Format	Color
Hex	DD996F
RGB	221, 153, 111
RGB Percent	87%, 60%, 44%
CMY	0.1330, 0.3997, 0.5644
CMYK	0.00, 0.31, 0.50, 0.13
HSL	23°, 62%, 65%
HSV	23°, 50%, 87%
XYZ	44.1240, 39.3444, 20.3296
YIQ	168.5440, 54.0100, 1.3540

Conversions

Conversions Part 2

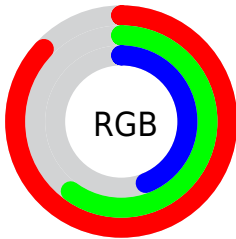
Format	Color
RYB	221, 179, 111
Decimal	14522735
CIELab	69.00, 20.77, 32.24
CIELCh	69, 38.354, 57.206
Yxy	39.3444, 0.4251, 0.3790
Android (android.graphics.Color)	4292712815 (0xFFDD996F)
YUV	168.5440, -28.3692, 46.0039
Hunter-Lab	62.7251, 15.7970, 24.6914

Details

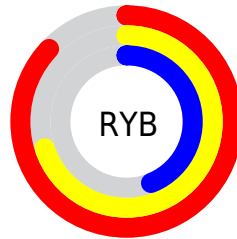
The CIELCh color **69, 38.354, 57.206** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70, 29.565, 249.985**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 30.472, 69.756**, and **49, 38.485, 57.732** is the 20% darker color. If you saturate the color by 10%, you get **66, 47.549, 56.454**, and if you desaturate by 10%, it is **73, 29.630, 58.015**.

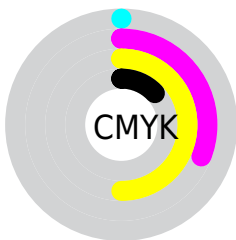
Distribution



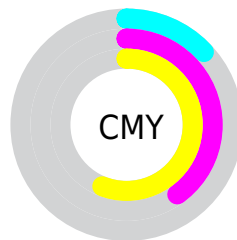
- Red (87%)
- Green (60%)
- Blue (44%)



- Red (87%)
- Yellow (70%)
- Blue (44%)



- Cyan (0%)
- Magenta (31%)
- Yellow (50%)
- Black (13%)



- Cyan (13%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 38.354, 57.206 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 69, 38.354, 57.206 by changing the saturation by 10% instead.

69, 38.354, 57.206

69, 38.354, 57.206

100, 38.354,
57.206

59, 38.354, 57.206

89, 38.354, 57.206

49, 38.354, 57.206

99, 38.354, 57.206

39, 38.354, 57.206

29, 38.354, 57.206

19, 38.354, 57.206

9, 38.354, 57.206

0, 38.354, 57.206

69, 38.354, 57.206

69, 38.354, 57.206

66, 47.549, 56.454

73, 29.630, 58.015

62, 57.048, 55.700

76, 21.434, 58.873

59, 66.434, 54.822

80, 13.759, 59.771

56, 74.844, 53.525

84, 6.574, 60.676

54, 81.327, 51.555

88, 0.164, 244.722

54, 81.482, 51.515

92, 6.502, 242.759

96, 9.795, 218.050

98, 11.449,
198.741

Harmonies

Complementary

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



69, 38.354, 57.206



70, 29.565, 249.985

Rectangle

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



69, 38.354, 57.206



69, 38.354, 107.206



69, 38.354, 237.206



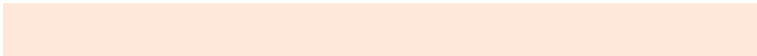
69, 38.354, 287.206

Sweetspot

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



69, 38.353, 57.211



93, 11.547, 60.194



62, 54.090, 341.453



49, 7.934, 60.000



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 38.353, 57.211



75, 53.716, 56.400



82, 49.386, 98.602



44, 3.795, 60.705



43, 67.590, 52.146



9, 18.843, 46.632

Inverse Universe

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



70, 29.565, 249.985



76, 38.805, 253.134



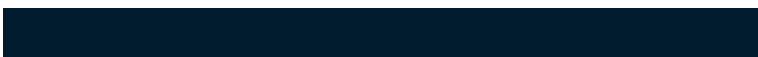
56, 54.539, 292.090



44, 3.646, 242.768



44, 42.404, 269.504



9, 15.086, 258.806

Previews

White Background



This preview shows how the CIELCh color 69, 38.354, 57.206 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 69, 38.354, 57.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

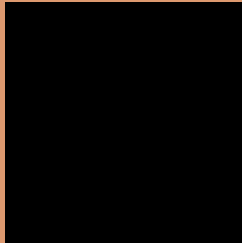
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 38.354, 57.206

Background



This preview shows how black text looks on a background with the CIELCh color 69, 38.354, 57.206.



This preview shows how white text looks on a background with the CIELCh color 69, 38.354, 57.206.

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
69, 31.510, 11.806

Trichromacy



Original Color
69, 38.354, 57.206

Protanomaly
69, 29.984, 79.281

Deuteranomaly
69, 35.210, 67.451

Tritanomaly
69, 31.528, 30.127

Monochromacy



Original Color
69, 38.354, 57.206

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 13.034, 58.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 38.354, 57.206 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, 153, 111)` looks like.

```
.text, #text, p{  
    color:rgb(221, 153, 111)  
}
```

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, 153, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 153, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 38.354, 57.206 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, 153, 111) }
```

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

```
.border{ border-color:rgb(221, 153, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 153, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 153, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 153, 111);  
box-shadow:4px 4px 4px 4px rgb(221, 153,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 38.354, 57.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 153, 111) }
```

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

```
.background{ background-color: rgb(221,  
153, 111) }
```

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