

Converting Colors

CIELCh(67, 27.589, 93.940)

Have a look what the booklet for
CIELCh(67, 27.589, 93.940) contains.

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Color

CIELCh(67, 28.054, 94.127)

Conversions

Conversions Part 1

Format	Color
Hex	B2A371
RGB	178, 163, 113
RGB Percent	70%, 64%, 44%
CMY	0.3038, 0.3625, 0.5585
CMYK	0.00, 0.08, 0.37, 0.30
HSL	46°, 30%, 57%
HSV	46°, 37%, 70%
XYZ	34.2314, 36.6320, 20.7657
YIQ	161.7850, 24.9900, -12.3700

Conversions

Conversions Part 2

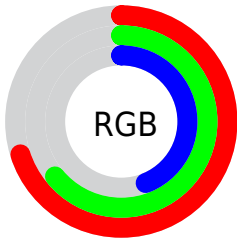
Format	Color
RYB	133, 178, 113
Decimal	11707249
CIELab	67.00, -2.02, 27.98
CIELCh	67, 28.054, 94.127
Yxy	36.6320, 0.3736, 0.3998
Android (android.graphics.Color)	4289897329 (0xFFB2A371)
YUV	161.7850, -24.0510, 14.2206
Hunter-Lab	60.5244, -4.9614, 22.0248

Details

The CIELCh color **67, 28.054, 94.127** is a light color, and the websafe version is hex **999966**. A complement of this color would be **54, 29.036, 284.009**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 28.322, 94.073**, and **47, 27.977, 93.783** is the 20% darker color. If you saturate the color by 10%, you get **66, 35.705, 92.869**, and if you desaturate by 10%, it is **68, 20.337, 95.367**.

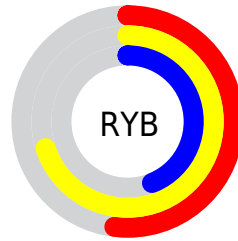
Distribution



Red (70%)

Green (64%)

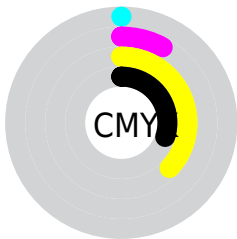
Blue (44%)



Red (52%)

Yellow (70%)

Blue (44%)

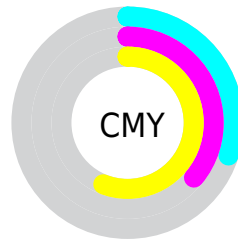


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 28.054, 94.127 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, 28.054, 94.127 by changing the saturation by 10% instead.

■ 67, 28.054, 94.127

■ 67, 28.054, 94.127

■ 100, 28.054,
94.127

■ 57, 28.054, 94.127

■ 87, 28.054, 94.127

■ 47, 28.054, 94.127

■ 97, 28.054, 94.127

■ 37, 28.054, 94.127

■ 27, 28.054, 94.127

■ 17, 28.054, 94.127

■ 7, 28.054, 94.127

■ 0, 28.054, 94.127

■ 67, 28.054, 94.127

■ 67, 28.054, 94.127

■ 66, 35.705, 92.869

■ 68, 20.337, 95.367

64, 43.141, 91.583

70, 12.633, 96.570

63, 50.113, 90.267

71, 4.987, 97.722

62, 56.215, 88.901

73, 2.580, 278.948

61, 60.877, 87.436

75, 10.057,
279.989

60, 63.581, 85.797

76, 17.443,
281.022

59, 64.332, 85.231

78, 24.737,
282.010

79, 31.942,
282.950

81, 30.122,
279.621

Harmonies

Complementary

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



67, 28.054, 94.127



54, 29.036, 284.009

Rectangle

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



67, 28.054, 94.127



67, 28.054, 144.127



67, 28.054, 274.127



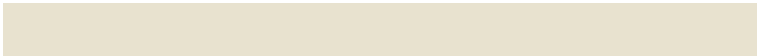
67, 28.054, 324.127

Sweetspot

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



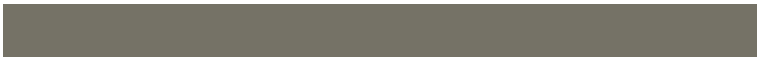
67, 28.055, 94.132



90, 10.383, 97.201



55, 27.855, 5.051



48, 7.038, 97.046



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 28.055, 94.132



84, 41.937, 93.101



70, 35.515, 118.336



37, 4.314, 97.415



51, 57.707, 85.470



6, 9.472, 92.125

Inverse Universe

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



54, 29.036, 284.009



65, 43.934, 285.717



51, 38.392, 303.276



35, 4.353, 279.650



22, 76.130, 300.939



2, 11.045, 281.691

Previews

White Background



This preview shows how the CIELCh color 67, 28.054, 94.127 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, 28.054, 94.127 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

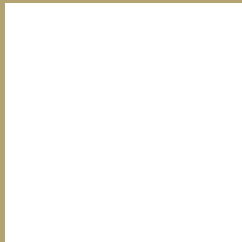
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 28.054, 94.127

Background



This preview shows how black text looks on a background with the CIELCh color 67, 28.054, 94.127.



This preview shows how white text looks on a background with the CIELCh color 67, 28.054, 94.127.

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, 28.054, 94.127

Protanopia

67, 27.859, 95.839

Deuteranopia

67, 28.608, 72.816



Tritanopia
67, 12.609, 349.041

Trichromacy



Original Color
67, 28.054, 94.127

Protanomaly
67, 27.953, 94.980

Deuteranomaly
67, 28.052, 80.174

Tritanomaly
67, 11.103, 49.680

Monochromacy



Original Color
67, 28.054, 94.127

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 10.639, 98.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 28.054, 94.127 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(178, 163, 113)` looks like.

```
.text, #text, p{  
    color:rgb(178, 163, 113)  
}
```

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(178, 163, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 163, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 28.054, 94.127 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(178, 163, 113) }
```

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

```
.border{ border-color:rgb(178, 163, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 163, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 163, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 163, 113);  
box-shadow:4px 4px 4px 4px rgb(178, 163,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 28.054, 94.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 163, 113) }
```

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

```
.background{ background-color: rgb(178,  
163, 113) }
```

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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