

Converting Colors

CIELCh(67, 15.269, 94.747)

Have a look what the booklet for
CIELCh(67, 15.269, 94.747) contains.

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Color

CIELCh(67, 15.269, 94.747)

Conversions

Conversions Part 1

Format	Color
Hex	ACA388
RGB	172, 163, 136
RGB Percent	67%, 64%, 53%
CMY	0.3264, 0.3616, 0.4675
CMYK	0.00, 0.05, 0.21, 0.33
HSL	45°, 18%, 60%
HSV	45°, 21%, 67%
XYZ	34.4500, 36.6320, 28.4674
YIQ	162.6130, 14.0310, -6.4890

Conversions

Conversions Part 2

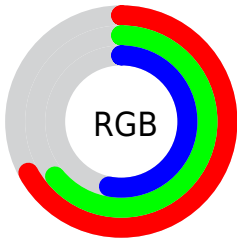
Format	Color
RYB	148, 172, 136
Decimal	11314056
CIELab	67.00, -1.26, 15.22
CIELCh	67, 15.269, 94.747
Yxy	36.6320, 0.3461, 0.3680
Android (android.graphics.Color)	4289504136 (0xFFACA388)
YUV	162.6130, -13.1202, 8.2324
Hunter-Lab	60.5244, -4.3169, 14.4802

Details

The CIELCh color **67, 15.269, 94.747** is a light color, and the websafe version is hex **999966**. A complement of this color would be **60, 15.483, 280.049**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 15.562, 94.728**, and **47, 15.121, 94.544** is the 20% darker color. If you saturate the color by 10%, you get **66, 22.665, 93.519**, and if you desaturate by 10%, it is **69, 7.932, 95.948**.

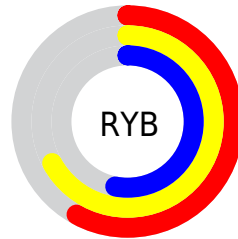
Distribution



Red (67%)

Green (64%)

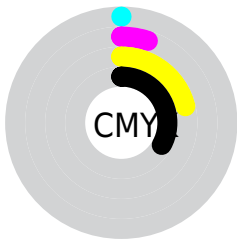
Blue (53%)



Red (58%)

Yellow (67%)

Blue (53%)

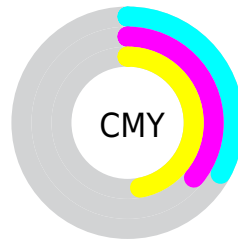


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 15.269, 94.747 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, 15.269, 94.747 by changing the saturation by 10% instead.

■ 67, 15.269, 94.747

■ 67, 15.269, 94.747

■ 100, 15.269,
94.747

■ 57, 15.269, 94.747

■ 87, 15.269, 94.747

■ 47, 15.269, 94.747

■ 97, 15.269, 94.747

■ 37, 15.269, 94.747

■ 27, 15.269, 94.747

■ 17, 15.269, 94.747

■ 7, 15.269, 94.747

■ 0, 15.269, 94.747

■ 67, 15.269, 94.747

■ 67, 15.269, 94.747

■ 66, 22.665, 93.519

■ 69, 7.932, 95.948

64, 30.065, 92.251

70, 0.677, 96.887

63, 37.375, 90.953

72, 6.485, 278.278

61, 44.422, 89.624

73, 13.550,
279.337

60, 50.913, 88.247

75, 20.520,
280.357

59, 56.387, 86.785

58, 60.240, 85.163

77, 27.398,
281.329

56, 62.377, 83.548

78, 33.656,
282.001

80, 31.561,
278.499

81, 29.598,
274.549

Harmonies

Complementary

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



67, 15.269, 94.747



60, 15.483, 280.049

Rectangle

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



67, 15.269, 94.747



67, 15.269, 144.747



67, 15.269, 274.747



67, 15.269, 324.747

Sweetspot

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



67, 15.270, 94.754



88, 5.381, 96.500



60, 15.167, 1.634



47, 3.567, 96.431



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 15.270, 94.754



85, 22.698, 94.203



69, 19.924, 118.616



36, 4.127, 96.138



50, 56.629, 83.787



5, 7.970, 91.175

Inverse Universe

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



60, 15.483, 280.049



74, 23.091, 280.774



59, 20.785, 301.362



34, 4.159, 278.400



22, 73.273, 300.116



2, 9.153, 280.175

Previews

White Background



This preview shows how the CIELCh color 67, 15.269, 94.747 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, 15.269, 94.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

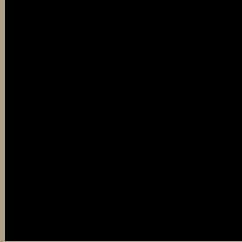
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

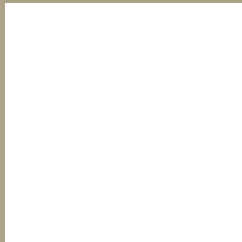
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 15.269, 94.747

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.269, 94.747.



This preview shows how white text looks on a background with the CIELCh color 67, 15.269, 94.747.

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, 15.269, 94.747

Protanopia

67, 15.269, 94.747

Deuteranopia

67, 16.974, 60.291



Tritanopia
67, 9.544, 336.346

Trichromacy



Original Color
67, 15.269, 94.747

Protanomaly
67, 15.269, 94.747

Deuteranomaly
67, 15.413, 71.207

Tritanomaly
67, 5.545, 31.226

Monochromacy



Original Color
67, 15.269, 94.747

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.713, 93.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.269, 94.747 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(172, 163, 136)` looks like.

```
.text, #text, p{  
    color:rgb(172, 163, 136)  
}
```

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(172, 163, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 163, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.269, 94.747 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(172, 163, 136) }
```

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

```
.border{ border-color:rgb(172, 163, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 163, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 163, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 163, 136);  
box-shadow:4px 4px 4px 4px rgb(172, 163,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.269, 94.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 163, 136) }
```

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

```
.background{ background-color: rgb(172,  
163, 136) }
```

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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