

Converting Colors

CIELCh(67, 12.456, 42.531)

Have a look what the booklet for
CIELCh(67, 12.456, 42.531) contains.

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Color

CIELCh(67, 12.696, 43.146)

Conversions

Conversions Part 1

Format	Color
Hex	BA9D94
RGB	186, 157, 148
RGB Percent	73%, 62%, 58%
CMY	0.2711, 0.3848, 0.4201
CMYK	0.00, 0.16, 0.20, 0.27
HSL	14°, 22%, 65%
HSV	14°, 20%, 73%
XYZ	37.5927, 36.6320, 33.0577
YIQ	164.6450, 20.1730, 3.3490

Conversions

Conversions Part 2

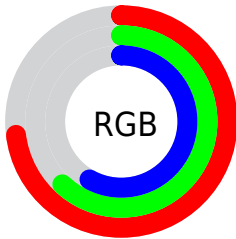
Format	Color
R _Y B	186, 160, 148
Decimal	12230036
CIE Lab	67.00, 9.26, 8.68
CIE LCh	67, 12.696, 43.146
Yxy	36.6320, 0.3504, 0.3415
Android (android.graphics.Color)	4290420116 (0xFFBA9D94)
YUV	164.6450, -8.2060, 18.7283
Hunter-Lab	60.5244, 4.9519, 9.9835

Details

The CIELCh color $67, 12.696, 43.146$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $70, 11.159, 225.012$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 12.466, 44.707$, and $47, 12.615, 45.245$ is the 20% darker color. If you saturate the color by 10%, you get $63, 19.693, 43.005$, and if you desaturate by 10%, it is $71, 6.229, 43.390$.

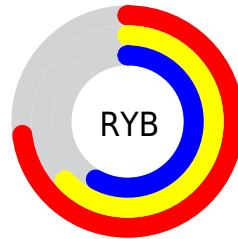
Distribution



Red (73%)

Green (62%)

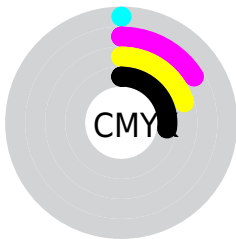
Blue (58%)



Red (73%)

Yellow (63%)

Blue (58%)

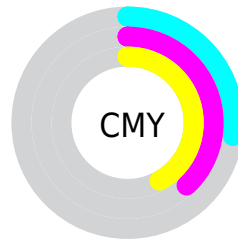


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (27%)



Cyan (27%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 12.696, 43.146 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, 12.696, 43.146 by changing the saturation by 10% instead.

■ 67, 12.696, 43.146

■ 67, 12.696, 43.146

■ 100, 12.696,
43.146

■ 57, 12.696, 43.146

■ 87, 12.696, 43.146

■ 47, 12.696, 43.146

■ 97, 12.696, 43.146

■ 37, 12.696, 43.146

■ 27, 12.696, 43.146

■ 17, 12.696, 43.146

■ 7, 12.696, 43.146

■ 0, 12.696, 43.146

■ 67, 12.696, 43.146

■ 67, 12.696, 43.146

■ 63, 19.693, 43.005

■ 71, 6.229, 43.390

59, 27.253, 42.986

75, 0.250, 41.812

55, 35.379, 43.132

80, 5.290, 224.339

52, 44.023, 43.462

84, 10.440,
224.750

49, 53.044, 43.961

88, 15.247,
225.219

46, 62.100, 44.518

43, 70.421, 44.810

92, 19.063,
219.158

42, 76.983, 44.740

96, 22.305,
198.043

Harmonies

Complementary

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



67, 12.696, 43.146



70, 11.159, 225.012

Rectangle

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



67, 12.696, 43.146



67, 12.696, 93.146



67, 12.696, 223.146



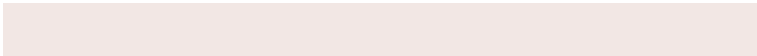
67, 12.696, 273.146

Sweetspot

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



67, 12.695, 43.156



92, 4.363, 43.476



66, 21.525, 333.035



49, 2.925, 43.467



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 12.695, 43.156



83, 19.649, 43.067



72, 15.624, 93.626



37, 3.332, 43.416



35, 67.114, 45.092



4, 9.160, 36.414

Inverse Universe

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



70, 11.159, 225.012



88, 16.671, 225.401



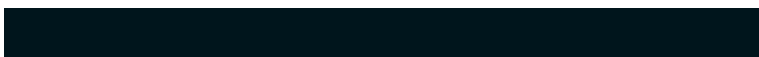
65, 15.786, 278.876



38, 3.153, 224.362



46, 31.112, 242.859



6, 8.517, 235.404

Previews

White Background



This preview shows how the CIELCh color 67, 12.696, 43.146 looks on a white background.

Color Contrast Check

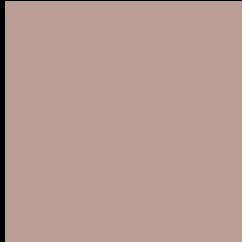
Large Text (above 18pt) WCAG AA × Fail

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 67, 12.696, 43.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

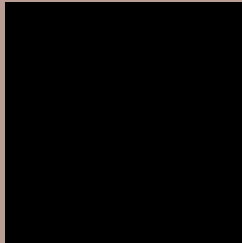
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 12.696, 43.146

Background



This preview shows how black text looks on a background with the CIELCh color 67, 12.696, 43.146.



This preview shows how white text looks on a background with the CIELCh color 67, 12.696, 43.146.

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, 12.696, 43.146

Protanopia

67, 6.995, 89.794

Deuteranopia

67, 12.317, 43.863



Tritanopia
67, 14.675, 354.139

Trichromacy



Original Color
67, 12.696, 43.146

Protanomaly
67, 8.207, 67.034

Deuteranomaly
67, 12.317, 43.863

Tritanomaly
67, 12.721, 10.674

Monochromacy



Original Color
67, 12.696, 43.146

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 4.559, 40.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 12.696, 43.146 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(186, 157, 148)` looks like.

```
.text, #text, p{  
    color:rgb(186, 157, 148)  
}
```

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(186, 157, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 157, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 12.696, 43.146 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(186, 157, 148) }
```

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

```
.border{ border-color:rgb(186, 157, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 157, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 157, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 157, 148);  
box-shadow:4px 4px 4px 4px rgb(186, 157,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 12.696, 43.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 157, 148) }
```

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

```
.background{ background-color: rgb(186,  
157, 148) }
```

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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