

Converting Colors

CIELCh(67, 12.206, 44.615)

Have a look what the booklet for
CIELCh(67, 12.206, 44.615) contains.

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Color

CIELCh(67, 12.317, 43.863)

Conversions

Conversions Part 1

Format	Color
Hex	B99D94
RGB	185, 157, 148
RGB Percent	73%, 62%, 58%
CMY	0.2740, 0.3838, 0.4191
CMYK	0.00, 0.15, 0.20, 0.27
HSL	15°, 21%, 65%
HSV	15°, 20%, 73%
XYZ	37.4753, 36.6320, 33.1666
YIQ	164.3460, 19.5770, 3.1370

Conversions

Conversions Part 2

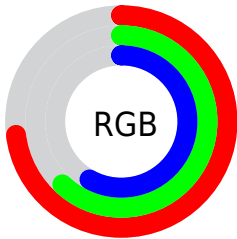
Format	Color
R_{YB}	185, 160, 148
Decimal	12164500
CIE Lab	67.00, 8.88, 8.53
CIE LCh	67, 12.317, 43.863
Yxy	36.6320, 0.3493, 0.3415
Android (android.graphics.Color)	4290354580 (0xFFB99D94)
YUV	164.3460, -8.0586, 18.1136
Hunter-Lab	60.5244, 4.6055, 9.8769

Details

The CIELCh color $67, 12.317, 43.863$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $70, 10.871, 225.814$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 12.117, 45.446$, and $47, 12.208, 46.090$ is the 20% darker color. If you saturate the color by 10%, you get $63, 19.243, 43.681$, and if you desaturate by 10%, it is $71, 5.913, 44.141$.

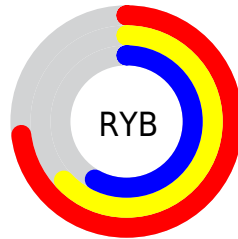
Distribution



Red (73%)

Green (62%)

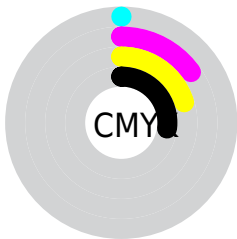
Blue (58%)



Red (73%)

Yellow (63%)

Blue (58%)

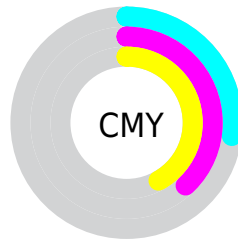


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (27%)



Cyan (27%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 12.317, 43.863 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, 12.317, 43.863 by changing the saturation by 10% instead.

■ 67, 12.317, 43.863

■ 67, 12.317, 43.863

■ 100, 12.317,
43.863

■ 57, 12.317, 43.863

■ 87, 12.317, 43.863

■ 47, 12.317, 43.863

■ 97, 12.317, 43.863

■ 37, 12.317, 43.863

■ 27, 12.317, 43.863

■ 17, 12.317, 43.863

■ 7, 12.317, 43.863

■ 0, 12.317, 43.863

■ 67, 12.317, 43.863

■ 67, 12.317, 43.863

■ 63, 19.243, 43.681

■ 71, 5.913, 44.141

59, 26.726, 43.615

75, 0.013, 266.700

55, 34.771, 43.707

79, 5.501, 225.152

52, 43.336, 43.975

84, 10.610,
225.593

49, 52.287, 44.406

88, 15.381,
226.088

46, 61.296, 44.894

44, 69.628, 45.132

92, 19.160,
220.405

42, 76.505, 44.987

96, 22.519,
198.030

42, 76.514, 44.988

Harmonies

Complementary

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



67, 12.317, 43.863



70, 10.871, 225.814

Rectangle

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



67, 12.317, 43.863



67, 12.317, 93.863



67, 12.317, 223.863



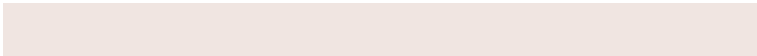
67, 12.317, 273.863

Sweetspot

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



67, 12.316, 43.874



92, 4.315, 44.228



66, 20.978, 333.003



48, 2.867, 44.218



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 12.316, 43.874



83, 18.569, 43.776



72, 15.224, 93.682



37, 3.323, 44.158



35, 66.916, 45.347



4, 9.133, 36.941

Inverse Universe

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



70, 10.871, 225.814



87, 15.892, 226.166



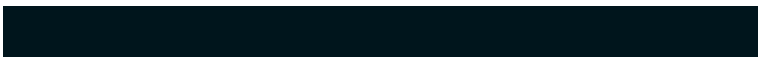
65, 15.379, 278.804



38, 3.146, 225.160



46, 31.301, 244.192



6, 8.523, 236.431

Previews

White Background



This preview shows how the CIELCh color 67, 12.317, 43.863 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, 12.317, 43.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

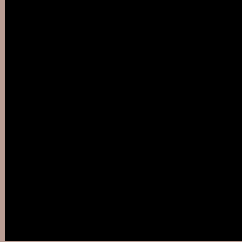
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 12.317, 43.863

Background



This preview shows how black text looks on a background with the CIELCh color 67, 12.317, 43.863.



This preview shows how white text looks on a background with the CIELCh color 67, 12.317, 43.863.

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, 12.317, 43.863

Protanopia

67, 6.995, 89.794

Deuteranopia

67, 12.317, 43.863



Tritanopia
67, 14.328, 353.386

Trichromacy



Original Color
67, 12.317, 43.863

Protanomaly
67, 8.207, 67.034

Deuteranomaly
67, 12.317, 43.863

Tritanomaly
67, 12.409, 7.804

Monochromacy



Original Color
67, 12.317, 43.863

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.446, 49.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 12.317, 43.863 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(185, 157, 148)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 157, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 157, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 12.317, 43.863 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(185, 157, 148) }
```

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

```
.border{ border-color:rgb(185, 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(185, 157, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 157, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 157, 148);  
box-shadow:4px 4px 4px 4px rgb(185, 157,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 12.317, 43.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 157, 148) }
```

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

```
.background{ background-color: rgb(185,  
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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