

Converting Colors

CIELCh(67, 9.501, 44.732)

Have a look what the booklet for
CIELCh(67, 9.501, 44.732) contains.

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Color

CIELCh(67, 9.441, 47.693)

Conversions

Conversions Part 1

Format	Color
Hex	B49F97
RGB	180, 159, 151
RGB Percent	71%, 62%, 59%
CMY	0.2949, 0.3773, 0.4086
CMYK	0.00, 0.12, 0.16, 0.29
HSL	17°, 16%, 65%
HSV	17°, 16%, 71%
XYZ	36.7061, 36.6320, 34.3280
YIQ	164.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

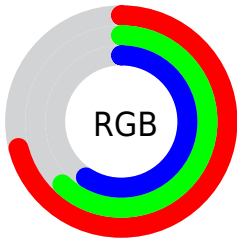
Format	Color
R_{YB}	180, 162, 151
Decimal	11837335
CIE Lab	67.00, 6.35, 6.98
CIE LCh	67, 9.441, 47.693
Yxy	36.6320, 0.3409, 0.3402
Android (android.graphics.Color)	4290027415 (0xFFB49F97)
YUV	164.3670, -6.5899, 13.7101
Hunter-Lab	60.5244, 2.3370, 8.7391

Details

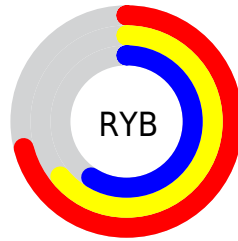
The CIELCh color $67, 9.441, 47.693$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 8.595, 229.771$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 9.457, 49.510$, and $47, 9.483, 49.831$ is the 20% darker color. If you saturate the color by 10%, you get $63, 15.906, 47.304$, and if you desaturate by 10%, it is $71, 3.450, 48.120$.

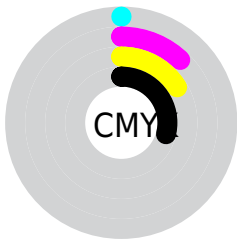
Distribution



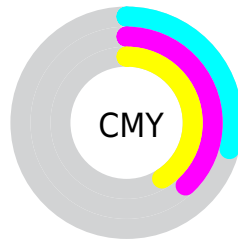
- Red (71%)
- Green (62%)
- Blue (59%)



- Red (71%)
- Yellow (64%)
- Blue (59%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (29%)



- Cyan (29%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 9.441, 47.693 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, 9.441, 47.693 by changing the saturation by 10% instead.

■ 67, 9.441, 47.693 ■ 67, 9.441, 47.693

■ 100, 9.441, 47.693 ■ 57, 9.441, 47.693

■ 87, 9.441, 47.693 ■ 47, 9.441, 47.693

■ 97, 9.441, 47.693 ■ 37, 9.441, 47.693

■ 27, 9.441, 47.693

■ 17, 9.441, 47.693

■ 7, 9.441, 47.693

■ 0, 9.441, 47.693

■ 67, 9.441, 47.693 ■ 67, 9.441, 47.693

■ 63, 15.906, 47.304 ■ 71, 3.450, 48.120

60, 22.883, 46.990

75, 2.109, 229.041

56, 30.393, 46.798

79, 7.285, 229.476

53, 38.420, 46.746

83, 12.121,
230.068

49, 46.882, 46.829

87, 16.659,
230.687

47, 55.556, 46.981

44, 63.928, 47.000

91, 20.172,
226.324

42, 70.991, 46.457

94, 22.471,
204.781

41, 73.602, 46.387

95, 24.046,
197.935

Harmonies

Complementary

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



67, 9.441, 47.693



69, 8.595, 229.771

Rectangle

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



67, 9.441, 47.693



67, 9.441, 97.693



67, 9.441, 227.693



67, 9.441, 277.693

Sweetspot

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



67, 9.440, 47.707



90, 3.482, 48.146



66, 16.116, 334.024



48, 2.380, 48.130



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, 9.440, 47.707



84, 13.982, 47.570



71, 12.369, 96.441



36, 3.211, 48.001



35, 65.019, 46.777



3, 7.707, 41.005

Inverse Universe

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



69, 8.595, 229.771



87, 12.471, 230.048



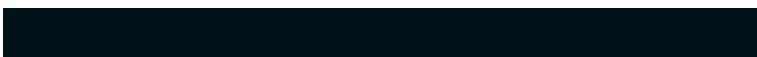
65, 12.534, 280.396



36, 3.049, 229.276



44, 32.100, 250.714



5, 7.529, 240.835

Previews

White Background



This preview shows how the CIELCh color 67, 9.441, 47.693 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, 9.441, 47.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

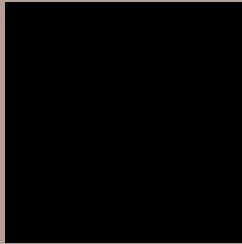
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 9.441, 47.693

Background



This preview shows how black text looks on a background with the CIELCh color 67, 9.441, 47.693.



This preview shows how white text looks on a background with the CIELCh color 67, 9.441, 47.693.

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, 9.441, 47.693

Protanopia

67, 5.824, 90.002

Deuteranopia

67, 10.880, 37.835



Tritanopia
67, 11.959, 346.999

Trichromacy



Original Color
67, 9.441, 47.693

Protanomaly
67, 6.567, 68.457

Deuteranomaly
67, 10.309, 41.992

Tritanomaly
67, 9.700, 3.839

Monochromacy



Original Color
67, 9.441, 47.693

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 3.489, 47.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 9.441, 47.693 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(180, 159, 151)` looks like.

```
.text, #text, p{  
    color:rgb(180, 159, 151)  
}
```

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(180, 159, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 159, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 9.441, 47.693 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(180, 159, 151) }
```

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

```
.border{ border-color:rgb(180, 159, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 159, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 159, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 159, 151);  
box-shadow:4px 4px 4px 4px rgb(180, 159,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 9.441, 47.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 159, 151) }
```

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

```
.background{ background-color: rgb(180,  
159, 151) }
```

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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