

Converting Colors

CIELCh(67, 11.529, 9.505)

Have a look what the booklet for
CIELCh(67, 11.529, 9.505) contains.

CIELCh(67, 11.529, 9.505)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 11.529, 9.505)

Conversions

Conversions Part 1

Format	Color
Hex	B99CA0
RGB	185, 156, 160
RGB Percent	73%, 61%, 63%
CMY	0.2745, 0.3882, 0.3725
CMYK	0.00, 0.16, 0.14, 0.27
HSL	352°, 17%, 67%
HSV	352°, 16%, 73%
XYZ	38.2441, 36.6320, 38.3152
YIQ	165.1270, 16.0000, 7.3920

Conversions

Conversions Part 2

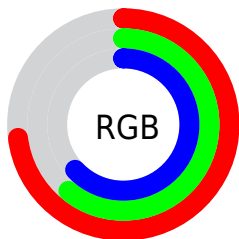
Format	Color
RYB	185, 156, 160
Decimal	12164256
CIELab	67.00, 11.37, 1.90
CIElCh	67, 11.529, 9.505
Yxy	36.6320, 0.3379, 0.3236
Android (android.graphics.Color)	4290354336 (0xFFB99CA0)
YUV	165.1270, -2.5276, 17.4286
Hunter-Lab	60.5244, 6.8728, 4.8333

Details

The CIELCh color **67, 11.529, 9.505** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73, 10.708, 186.855**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 11.237, 9.543**, and **47, 11.582, 9.189** is the 20% darker color. If you saturate the color by 10%, you get **62, 19.427, 10.699**, and if you desaturate by 10%, it is **72, 4.050, 8.463**.

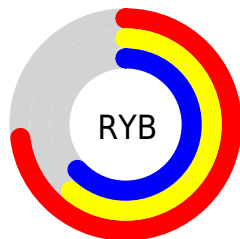
Distribution



Red (73%)

Green (61%)

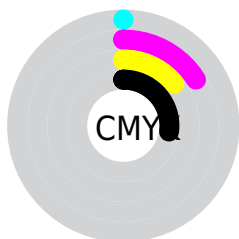
Blue (63%)



Red (73%)

Yellow (61%)

Blue (63%)

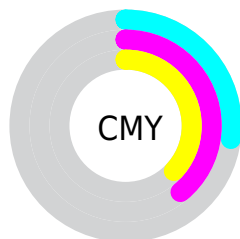


Cyan (0%)

Magenta (16%)

Yellow (14%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 11.529, 9.505 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, 11.529, 9.505 by changing the saturation by 10% instead.

 67, 11.529, 9.505  67, 11.529, 9.505

 100, 11.529, 9.505  57, 11.529, 9.505

 87, 11.529, 9.505  47, 11.529, 9.505

 97, 11.529, 9.505  37, 11.529, 9.505

 27, 11.529, 9.505

 17, 11.529, 9.505

 7, 11.529, 9.505

 0, 11.529, 9.505

 67, 11.529, 9.505  67, 11.529, 9.505

 62, 19.427, 10.699  72, 4.050, 8.463

57, 27.688, 12.140

77, 2.989, 187.935

53, 36.183, 13.932

83, 9.601, 187.120

49, 44.703, 16.191

88, 15.816,
186.491

45, 52.968, 19.055

93, 21.668,
185.949

42, 60.684, 22.645

40, 67.622, 26.983

96, 22.556,
198.027

39, 73.645, 31.810

39, 76.095, 33.717

Harmonies

Complementary

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



67, 11.529, 9.505



73, 10.708, 186.855

Rectangle

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



67, 11.529, 9.505



67, 11.529, 59.505



67, 11.529, 189.505



67, 11.529, 239.505

Sweetspot

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



67, 11.527, 9.512



91, 4.397, 8.397



67, 18.468, 320.991



48, 3.004, 8.475



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, 11.527, 9.512



83, 17.430, 9.920



70, 9.283, 56.411



36, 4.063, 8.847



32, 66.446, 33.005



2, 10.772, 11.083

Inverse Universe

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



67, 11.527, 9.512



83, 17.430, 9.920



70, 8.595, 239.397



36, 4.063, 8.847



32, 66.446, 33.005



2, 10.772, 11.083

Previews

White Background



This preview shows how the CIELCh color 67, 11.529, 9.505 looks on a white background.

Color Contrast Check

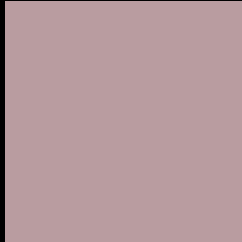
Large Text (above 18pt) WCAG AA × Fail

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, 11.529, 9.505 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

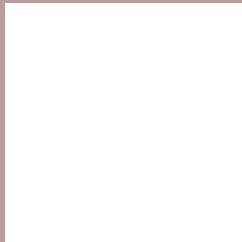
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 11.529, 9.505

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.529, 9.505.



This preview shows how white text looks on a background with the CIELCh color 67, 11.529, 9.505.

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, 11.529, 9.505

Protanopia

67, 1.894, 343.657

Deuteranopia

67, 8.627, 12.852



Tritanopia
67, 13.627, 351.765

Trichromacy



Original Color
67, 11.529, 9.505

Protanomaly
67, 5.268, 1.542

Deuteranomaly
67, 9.876, 10.702

Tritanomaly
67, 12.976, 358.254

Monochromacy



Original Color
67, 11.529, 9.505

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 3.878, 11.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 11.529, 9.505 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, 156, 160)` looks like.

```
.text, #text, p{  
    color:rgb(185, 156, 160)  
}
```

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, 156, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 156, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.529, 9.505 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, 156, 160) }
```

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

```
.border{ border-color:rgb(185, 156, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 156, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 156, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 156, 160);  
box-shadow:4px 4px 4px 4px rgb(185, 156,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.529, 9.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 156, 160) }
```

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

```
.background{ background-color: rgb(185,  
156, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor