

Converting Colors

CIELCh(67, 7.291, 89.744)

Have a look what the booklet for
CIELCh(67, 7.291, 89.744) contains.

CIELCh(67, 7.518, 91.112)	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, 7.518, 91.112)

Conversions

Conversions Part 1

Format	Color
Hex	A9A396
RGB	169, 163, 150
RGB Percent	66%, 64%, 59%
CMY	0.3388, 0.3623, 0.4133
CMYK	0.00, 0.04, 0.11, 0.34
HSL	41°, 10%, 62%
HSV	41°, 11%, 66%
XYZ	34.7750, 36.6320, 33.9252
YIQ	163.3120, 7.7490, -2.7710

Conversions

Conversions Part 2

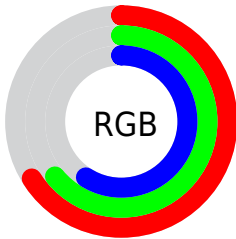
Format	Color
RYB	159, 169, 150
Decimal	11117462
CIELab	67.00, -0.15, 7.52
CIElCh	67, 7.518, 91.112
Yxy	36.6320, 0.3301, 0.3478
Android (android.graphics.Color)	4289307542 (0xFFA9A396)
YUV	163.3120, -6.5628, 4.9884
Hunter-Lab	60.5244, -3.3582, 9.1337

Details

The CIELCh color $67, 7.518, 91.112$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 7.528, 273.995$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 7.612, 92.579$, and $47, 7.514, 89.272$ is the 20% darker color. If you saturate the color by 10%, you get $65, 14.334, 89.880$, and if you desaturate by 10%, it is $69, 0.829, 92.124$.

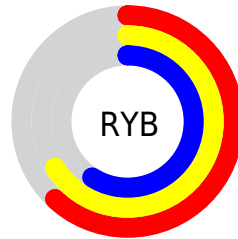
Distribution



Red (66%)

Green (64%)

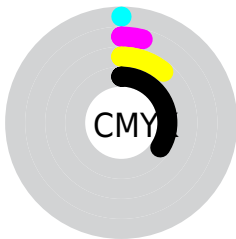
Blue (59%)



Red (62%)

Yellow (66%)

Blue (59%)

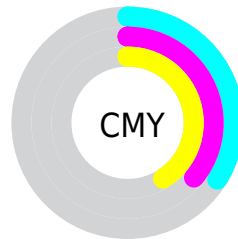


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (34%)



Cyan (34%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 7.518, 91.112 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, 7.518, 91.112 by changing the saturation by 10% instead.

■ 67, 7.518, 91.112 ■ 67, 7.518, 91.112

■ 100, 7.518, 91.112 ■ 57, 7.518, 91.112

■ 87, 7.518, 91.112 ■ 47, 7.518, 91.112

■ 97, 7.518, 91.112 ■ 37, 7.518, 91.112

■ 27, 7.518, 91.112

■ 17, 7.518, 91.112

■ 7, 7.518, 91.112

■ 0, 7.518, 91.112

■ 67, 7.518, 91.112 ■ 67, 7.518, 91.112

■ 65, 14.334, 89.880 ■ 69, 0.829, 92.124

63, 21.259, 88.588

71, 5.734, 273.571

62, 28.259, 87.255

73, 12.175,
274.671

60, 35.257, 85.882

75, 18.499,
275.734

58, 42.107, 84.460

57, 48.543, 82.957

77, 24.716,
276.748

55, 54.124, 81.309

79, 30.832,
277.711

54, 58.223, 79.394

53, 60.647, 77.516

80, 30.538,
274.351

81, 28.322,
268.910

83, 26.395,
262.671

Harmonies

Complementary

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



67, 7.518, 91.112



64, 7.528, 273.995

Rectangle

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



67, 7.518, 91.112



67, 7.518, 141.112



67, 7.518, 271.112



67, 7.518, 321.112

Sweetspot

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



67, 7.519, 91.126



87, 2.454, 92.053



64, 8.111, 355.826



46, 1.860, 91.979



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 7.519, 91.126



84, 11.610, 90.760



68, 10.489, 116.579



35, 3.764, 91.364



46, 55.106, 77.830



4, 6.327, 86.177

Inverse Universe

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



64, 7.528, 273.995



80, 11.616, 274.418



63, 10.745, 298.175



33, 3.771, 273.728



24, 65.779, 296.927



2, 7.165, 275.753

Previews

White Background



This preview shows how the CIELCh color 67, 7.518, 91.112 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, 7.518, 91.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

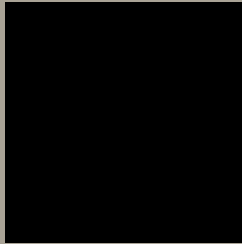
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 7.518, 91.112

Background



This preview shows how black text looks on a background with the CIELCh color 67, 7.518, 91.112.

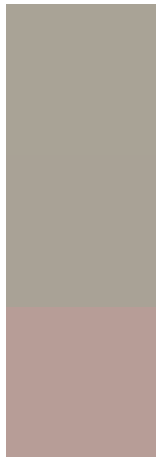


This preview shows how white text looks on a background with the CIELCh color 67, 7.518, 91.112.

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, 7.518, 91.112

Protanopia

67, 7.145, 86.791

Deuteranopia

67, 10.880, 37.835



Tritanopia
67, 8.732, 324.823

Trichromacy



Original Color
67, 7.518, 91.112

Protanomaly
67, 7.145, 86.791

Deuteranomaly
67, 9.039, 53.040

Tritanomaly
67, 4.767, 352.198

Monochromacy



Original Color
67, 7.518, 91.112

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.846, 94.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 7.518, 91.112 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(169, 163, 150)` looks like.

```
.text, #text, p{  
    color:rgb(169, 163, 150)  
}
```

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(169, 163, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 163, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 7.518, 91.112 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(169, 163, 150) }
```

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

```
.border{ border-color:rgb(169, 163, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 163, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 163, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 163, 150);  
box-shadow:4px 4px 4px 4px rgb(169, 163,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 7.518, 91.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 163, 150) }
```

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

```
.background{ background-color: rgb(169,  
163, 150) }
```

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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