

Converting Colors

CIELCh(67, 21.478, 92.542)

Have a look what the booklet for
CIELCh(67, 21.478, 92.542) contains.

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Color

CIELCh(67, 21.138, 91.999)

Conversions

Conversions Part 1

Format	Color
Hex	B0A27D
RGB	176, 162, 125
RGB Percent	69%, 64%, 49%
CMY	0.3091, 0.3641, 0.5092
CMYK	0.00, 0.08, 0.29, 0.31
HSL	44°, 24%, 59%
HSV	44°, 29%, 69%
XYZ	34.6028, 36.6320, 24.7012
YIQ	161.9680, 20.2210, -8.5390

Conversions

Conversions Part 2

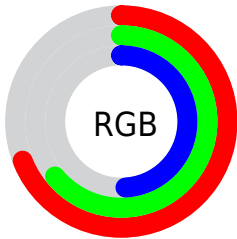
Format	Color
RYB	144, 176, 125
Decimal	11575933
CIELab	67.00, -0.74, 21.13
CIElCh	67, 21.138, 91.999
Yxy	36.6320, 0.3607, 0.3818
Android (android.graphics.Color)	4289766013 (0xFFB0A27D)
YUV	161.9680, -18.2252, 12.3061
Hunter-Lab	60.5244, -3.8663, 18.1696

Details

The CIELCh color **67, 21.138, 91.999** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 21.414, 279.765**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 21.121, 92.428**, and **47, 21.233, 92.355** is the 20% darker color. If you saturate the color by 10%, you get **65, 28.573, 90.713**, and if you desaturate by 10%, it is **69, 13.750, 93.259**.

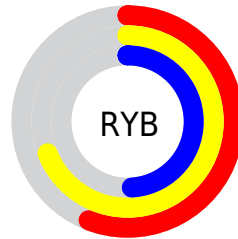
Distribution



Red (69%)

Green (64%)

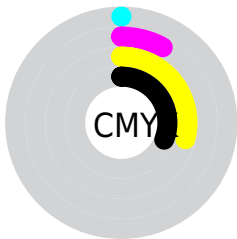
Blue (49%)



Red (56%)

Yellow (69%)

Blue (49%)

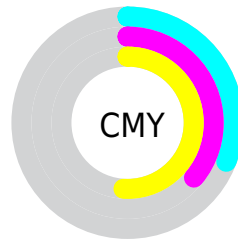


Cyan (0%)

Magenta (8%)

Yellow (29%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 21.138, 91.999 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, 21.138, 91.999 by changing the saturation by 10% instead.

■ 67, 21.138, 91.999

■ 67, 21.138, 91.999

■ 100, 21.138,
91.999

■ 57, 21.138, 91.999

■ 87, 21.138, 91.999

■ 47, 21.138, 91.999

■ 97, 21.138, 91.999

■ 37, 21.138, 91.999

■ 27, 21.138, 91.999

■ 17, 21.138, 91.999

■ 7, 21.138, 91.999

■ 0, 21.138, 91.999

■ 67, 21.138, 91.999

■ 67, 21.138, 91.999

■ 65, 28.573, 90.713

■ 69, 13.750, 93.259

64, 35.970, 89.387

70, 6.445, 94.465

62, 43.183, 88.023

72, 0.755, 275.914

61, 49.947, 86.604

74, 7.847, 276.826

59, 55.831, 85.088

76, 14.830,
277.898

58, 60.225, 83.391

77, 21.708,
278.927

57, 62.844, 81.450

79, 28.486,
279.906

57, 63.109, 81.251

81, 29.528,
277.533

82, 27.385,
272.672

Harmonies

Complementary

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



67, 21.138, 91.999



58, 21.414, 279.765

Rectangle

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



67, 21.138, 91.999



67, 21.138, 141.999



67, 21.138, 271.999



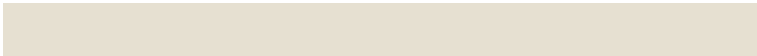
67, 21.138, 321.999

Sweetspot

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



67, 21.139, 92.005



89, 8.033, 94.441



58, 21.972, 0.265



47, 5.583, 94.273



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 21.139, 92.005



84, 31.789, 91.149



70, 27.876, 116.732



37, 4.121, 94.421



50, 56.923, 81.531



6, 8.972, 87.767

Inverse Universe

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



58, 21.414, 279.765



70, 32.346, 281.024



55, 29.676, 300.907



35, 4.144, 276.736



24, 71.850, 299.078



2, 10.646, 279.678

Previews

White Background



This preview shows how the CIELCh color 67, 21.138, 91.999 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, 21.138, 91.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

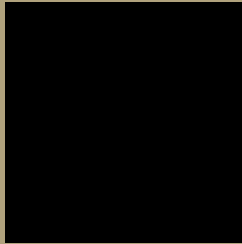
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 21.138, 91.999

Background



This preview shows how black text looks on a background with the CIELCh color 67, 21.138, 91.999.



This preview shows how white text looks on a background with the CIELCh color 67, 21.138, 91.999.

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, 21.138, 91.999

Protanopia

67, 21.323, 95.585

Deuteranopia

67, 22.359, 67.176



Tritanopia
67, 11.950, 343.701

Trichromacy



Original Color
67, 21.138, 91.999

Protanomaly
67, 21.420, 94.491

Deuteranomaly
67, 21.312, 74.837

Tritanomaly
67, 8.742, 38.348

Monochromacy



Original Color
67, 21.138, 91.999

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.413, 94.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 21.138, 91.999 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(176, 162, 125)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 125)  
}
```

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(176, 162, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 21.138, 91.999 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(176, 162, 125) }
```

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

```
.border{ border-color:rgb(176, 162, 125) }
```

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

Here you see how a box with a 4 pixel rgb(176, 162, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 125);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 21.138, 91.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 125) }
```

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

```
.background{ background-color: rgb(176,  
162, 125) }
```

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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