

Converting Colors

CIELCh(67, 17.513, 55.353)

Have a look what the booklet for
CIELCh(67, 17.513, 55.353) contains.

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Color

CIELCh(67, 17.270, 55.082)

Conversions

Conversions Part 1

Format	Color
Hex	BE9C8A
RGB	190, 156, 138
RGB Percent	75%, 61%, 54%
CMY	0.2543, 0.3876, 0.4583
CMYK	0.00, 0.18, 0.27, 0.25
HSL	21°, 29%, 64%
HSV	21°, 27%, 75%
XYZ	37.7843, 36.6320, 29.1782
YIQ	164.1140, 26.0420, 1.6100

Conversions

Conversions Part 2

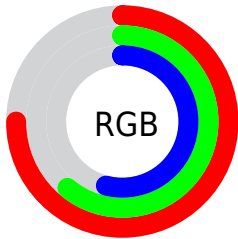
Format	Color
R _Y B	190, 166, 138
Decimal	12491914
CIE Lab	67.00, 9.89, 14.16
CIE LCh	67, 17.270, 55.082
Yxy	36.6320, 0.3647, 0.3536
Android (android.graphics.Color)	4290681994 (0xFFBE9C8A)
YUV	164.1140, -12.8742, 22.7020
Hunter-Lab	60.5244, 5.5167, 13.7839

Details

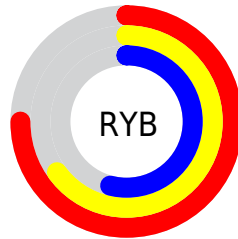
The CIELCh color $67, 17.270, 55.082$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 14.944, 240.447$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 17.427, 56.660$, and $47, 17.373, 55.468$ is the 20% darker color. If you saturate the color by 10%, you get $63, 24.454, 54.400$, and if you desaturate by 10%, it is $71, 10.571, 55.835$.

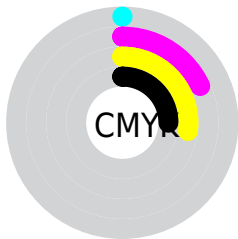
Distribution



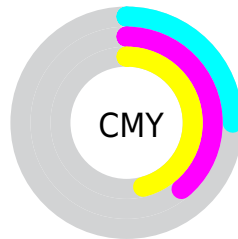
- Red (75%)
- Green (61%)
- Blue (54%)



- Red (75%)
- Yellow (65%)
- Blue (54%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (25%)



- Cyan (25%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 17.270, 55.082 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, 17.270, 55.082 by changing the saturation by 10% instead.

■ 67, 17.270, 55.082

■ 67, 17.270, 55.082

■ 100, 17.270,
55.082

■ 57, 17.270, 55.082

■ 87, 17.270, 55.082

■ 47, 17.270, 55.082

■ 97, 17.270, 55.082

■ 37, 17.270, 55.082

■ 27, 17.270, 55.082

■ 17, 17.270, 55.082

■ 7, 17.270, 55.082

■ 0, 17.270, 55.082

■ 67, 17.270, 55.082

■ 67, 17.270, 55.082

■ 63, 24.454, 54.400

■ 71, 10.571, 55.835

60, 32.140, 53.783

74, 4.324, 56.579

57, 40.305, 53.245

78, 1.514, 237.828

54, 48.844, 52.763

82, 6.987, 238.442

51, 57.487, 52.246

86, 12.139,
239.270

48, 65.627, 51.465

89, 17.007,
240.109

46, 72.276, 50.053

45, 73.992, 49.766

93, 18.046,
218.310

96, 21.055,
198.121

Harmonies

Complementary

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



67, 17.270, 55.082



69, 14.944, 240.447

Rectangle

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



67, 17.270, 55.082



67, 17.270, 105.082



67, 17.270, 235.082



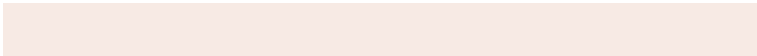
67, 17.270, 285.082

Sweetspot

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



67, 17.270, 55.090



94, 5.842, 56.526



64, 27.407, 337.689



50, 4.208, 56.416



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



67, 17.270, 55.090



82, 26.381, 54.656



74, 23.538, 99.267



38, 3.336, 56.439



38, 64.222, 50.279



5, 10.194, 44.194

Inverse Universe

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



69, 14.944, 240.447



85, 21.983, 241.440



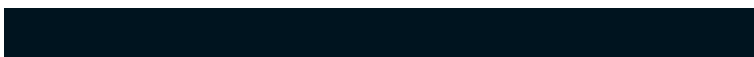
62, 24.454, 285.995



38, 3.193, 238.251



42, 36.834, 263.555



5, 9.984, 251.975

Previews

White Background



This preview shows how the CIELCh color 67, 17.270, 55.082 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, 17.270, 55.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

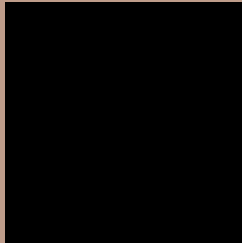
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 17.270, 55.082

Background



This preview shows how black text looks on a background with the CIELCh color 67, 17.270, 55.082.



This preview shows how white text looks on a background with the CIELCh color 67, 17.270, 55.082.

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, 17.270, 55.082

Protanopia

67, 12.504, 93.995

Deuteranopia

67, 16.593, 58.969



Tritanopia
67, 17.209, 358.631

Trichromacy



Original Color
67, 17.270, 55.082

Protanomaly
67, 13.479, 78.180

Deuteranomaly
67, 16.924, 58.092

Tritanomaly
67, 15.082, 18.733

Monochromacy



Original Color
67, 17.270, 55.082

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 6.055, 52.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 17.270, 55.082 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(190, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(190, 156, 138)  
}
```

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(190, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 156, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 17.270, 55.082 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(190, 156, 138) }
```

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

```
.border{ border-color:rgb(190, 156, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 156, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 156, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 156, 138);  
box-shadow:4px 4px 4px 4px rgb(190, 156,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 17.270, 55.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 156, 138) }
```

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

```
.background{ background-color: rgb(190,  
156, 138) }
```

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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