

Converting Colors

CIELCh(69, 18.568, 67.505)

Have a look what the booklet for
CIELCh(69, 18.568, 67.505) contains.

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Color

CIELCh(69, 18.557, 67.056)

Conversions

Conversions Part 1

Format	Color
Hex	C1A38A
RGB	193, 163, 138
RGB Percent	76%, 64%, 54%
CMY	0.2433, 0.3609, 0.4590
CMYK	0.00, 0.16, 0.29, 0.24
HSL	27°, 31%, 65%
HSV	27°, 29%, 76%
XYZ	39.6548, 39.3444, 29.5329
YIQ	169.1200, 25.9050, -1.4150

Conversions

Conversions Part 2

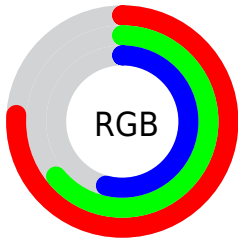
Format	Color
R_{YB}	193, 184, 138
Decimal	12690314
CIE Lab	69.00, 7.23, 17.09
CIE LCh	69, 18.557, 67.056
Yxy	39.3444, 0.3654, 0.3625
Android (android.graphics.Color)	4290880394 (0xFFC1A38A)
YUV	169.1200, -15.3422, 20.9428
Hunter-Lab	62.7251, 3.0787, 15.9921

Details

The CIELCh color $69, 18.557, 67.056$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 16.786, 254.562$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 18.345, 66.926$, and $49, 18.634, 65.852$ is the 20% darker color. If you saturate the color by 10%, you get $66, 25.773, 65.928$, and if you desaturate by 10%, it is $72, 11.719, 68.201$.

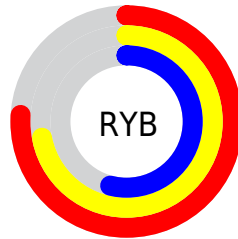
Distribution



Red (76%)

Green (64%)

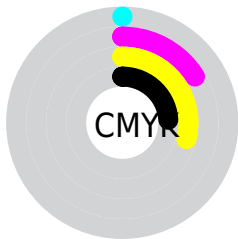
Blue (54%)



Red (76%)

Yellow (72%)

Blue (54%)

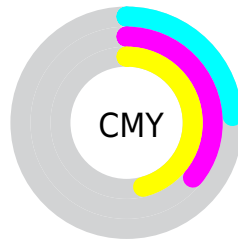


Cyan (0%)

Magenta (16%)

Yellow (29%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 18.557, 67.056 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 69, 18.557, 67.056 by changing the saturation by 10% instead.

■ 69, 18.557, 67.056

■ 69, 18.557, 67.056

■ 100, 18.557,
67.056

■ 59, 18.557, 67.056

■ 89, 18.557, 67.056

■ 49, 18.557, 67.056

■ 99, 18.557, 67.056

■ 39, 18.557, 67.056

■ 29, 18.557, 67.056

■ 19, 18.557, 67.056

■ 9, 18.557, 67.056

■ 0, 18.557, 67.056

■ 69, 18.557, 67.056

■ 69, 18.557, 67.056

■ 66, 25.773, 65.928

■ 72, 11.719, 68.201

63, 33.363, 64.801

75, 5.241, 69.308

60, 41.274, 63.672

79, 0.908, 250.953

57, 49.355, 62.503

82, 6.760, 251.697

55, 57.265, 61.187

85, 12.348,
252.763

52, 64.329, 59.496

88, 17.703,
253.814

50, 69.782, 57.192

91, 16.825,
233.321

50, 70.599, 56.886

94, 17.980,
211.436

96, 20.225,
198.173

Harmonies

Complementary

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



69, 18.557, 67.056



67, 16.786, 254.562

Rectangle

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



69, 18.557, 67.056



69, 18.557, 117.056



69, 18.557, 247.056



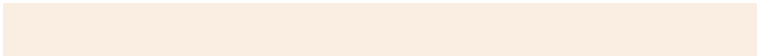
69, 18.557, 297.056

Sweetspot

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



69, 18.557, 67.064



95, 6.856, 69.240



64, 26.757, 343.508



50, 4.782, 69.081



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 18.557, 67.064



85, 27.770, 66.378



76, 27.775, 105.238



39, 3.515, 69.215



42, 61.418, 57.443



6, 11.465, 53.231

Inverse Universe

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



67, 16.786, 254.562



83, 24.518, 255.759



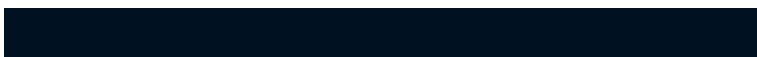
60, 29.526, 291.654



39, 3.417, 251.568



37, 46.174, 278.690



5, 12.208, 265.268

Previews

White Background



This preview shows how the CIELCh color 69, 18.557, 67.056 looks on a white background.

Color Contrast Check

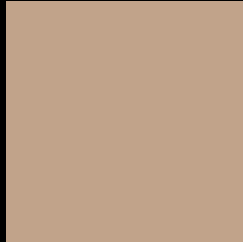
Large Text (above 18pt) WCAG AA × Fail

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 69, 18.557, 67.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

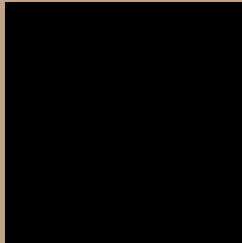
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 18.557, 67.056

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.557, 67.056.



This preview shows how white text looks on a background with the CIELCh color 69, 18.557, 67.056.

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

69, 18.557, 67.056

Protanopia

69, 15.815, 93.770

Deuteranopia

69, 19.061, 63.302



Tritanopia
69, 16.571, 355.654

Trichromacy



Original Color
69, 18.557, 67.056

Protanomaly
69, 16.339, 83.558

Deuteranomaly
69, 18.755, 64.171

Tritanomaly
69, 14.231, 22.851

Monochromacy



Original Color
69, 18.557, 67.056

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.519, 68.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.557, 67.056 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(193, 163, 138)` looks like.

```
.text, #text, p{  
    color:rgb(193, 163, 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(193, 163, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 163, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.557, 67.056 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(193, 163, 138) }
```

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

```
.border{ border-color:rgb(193, 163, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 163, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 163, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 163, 138);  
box-shadow:4px 4px 4px 4px rgb(193, 163,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.557, 67.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 163, 138) }
```

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

```
.background{ background-color: rgb(193,  
163, 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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