

Converting Colors

CIELCh(69, 16.907, 62.556)

Have a look what the booklet for
CIELCh(69, 16.907, 62.556) contains.

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Color

CIELCh(69, 16.907, 62.556)

Conversions

Conversions Part 1

Format	Color
Hex	C1A38E
RGB	193, 163, 142
RGB Percent	76%, 64%, 56%
CMY	0.2442, 0.3618, 0.4442
CMYK	0.00, 0.16, 0.26, 0.24
HSL	25°, 29%, 66%
HSV	25°, 26%, 76%
XYZ	39.8327, 39.3444, 30.9825
YIQ	169.5760, 24.6210, -0.1710

Conversions

Conversions Part 2

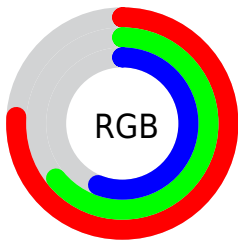
Format	Color
R _Y B	193, 178, 142
Decimal	12690318
CIE Lab	69.00, 7.79, 15.00
CIE LCh	69, 16.907, 62.556
Yxy	39.3444, 0.3616, 0.3572
Android (android.graphics.Color)	4290880398 (0xFFC1A38E)
YUV	169.5760, -13.5950, 20.5428
Hunter-Lab	62.7251, 3.5851, 14.6218

Details

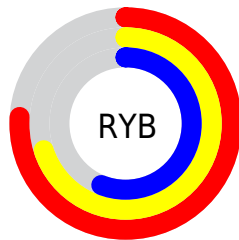
The CIELCh color $69, 16.907, 62.556$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 15.120, 248.915$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 16.799, 62.512$, and $49, 16.878, 61.083$ is the 20% darker color. If you saturate the color by 10%, you get $66, 24.042, 61.574$, and if you desaturate by 10%, it is $72, 10.195, 63.573$.

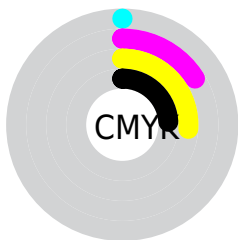
Distribution



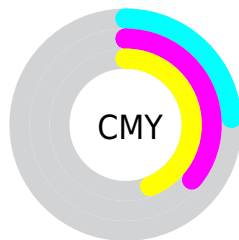
- Red (76%)
- Green (64%)
- Blue (56%)



- Red (76%)
- Yellow (70%)
- Blue (56%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (24%)



- Cyan (24%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 16.907, 62.556 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, 16.907, 62.556 by changing the saturation by 10% instead.

■ 69, 16.907, 62.556

■ 69, 16.907, 62.556

■ 100, 16.907,
62.556

■ 59, 16.907, 62.556

■ 89, 16.907, 62.556

■ 49, 16.907, 62.556

■ 99, 16.907, 62.556

■ 39, 16.907, 62.556

■ 29, 16.907, 62.556

■ 19, 16.907, 62.556

■ 9, 16.907, 62.556

■ 0, 16.907, 62.556

■ 69, 16.907, 62.556

■ 69, 16.907, 62.556

■ 66, 24.042, 61.574

■ 72, 10.195, 63.573

63, 31.609, 60.613

76, 3.878, 64.545

59, 39.581, 59.683

79, 2.081, 245.899

57, 47.847, 58.754

83, 7.720, 246.784

54, 56.133, 57.740

86, 13.077,
247.779

51, 63.855, 56.433

90, 17.344,
245.782

49, 70.044, 54.472

48, 72.106, 53.818

93, 17.184,
221.485

96, 19.766,
200.584

96, 20.296,
198.169

Harmonies

Complementary

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



69, 16.907, 62.556



69, 15.120, 248.915

Rectangle

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



69, 16.907, 62.556



69, 16.907, 112.556



69, 16.907, 242.556



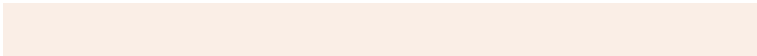
69, 16.907, 292.556

Sweetspot

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



69, 16.907, 62.565



95, 5.968, 64.393



65, 25.617, 340.751



50, 4.260, 64.249



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, 16.907, 62.565



85, 25.740, 61.962



75, 24.561, 103.018



39, 3.453, 64.275



40, 62.747, 54.359



6, 11.517, 48.848

Inverse Universe

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



69, 15.120, 248.915



85, 22.355, 250.013



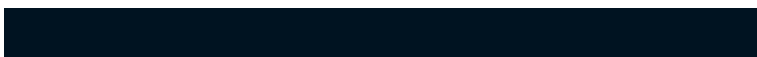
62, 25.784, 289.156



39, 3.335, 246.464



39, 42.350, 273.377



5, 11.663, 260.701

Previews

White Background



This preview shows how the CIELCh color 69, 16.907, 62.556 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, 16.907, 62.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

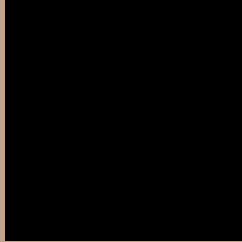
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 16.907, 62.556

Background



This preview shows how black text looks on a background with the CIELCh color 69, 16.907, 62.556.

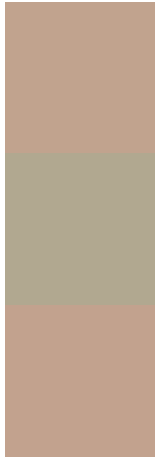


This preview shows how white text looks on a background with the CIELCh color 69, 16.907, 62.556.

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, 16.907, 62.556

Protanopia

69, 13.596, 93.422

Deuteranopia

69, 17.177, 59.466



Tritanopia
69, 15.644, 356.159

Trichromacy



Original Color
69, 16.907, 62.556

Protanomaly
69, 14.361, 80.277

Deuteranomaly
69, 17.177, 59.466

Tritanomaly
69, 13.781, 20.633

Monochromacy



Original Color
69, 16.907, 62.556

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.110, 65.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 16.907, 62.556 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(193, 163, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 163, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 16.907, 62.556 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, 142) }
```

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

```
.border{ border-color:rgb(193, 163, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 163, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 163, 142);  
box-shadow:4px 4px 4px 4px rgb(193, 163,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 16.907, 62.556 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, 142) }
```

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

```
.background{ background-color: rgb(193,  
163, 142) }
```

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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