

Converting Colors

CIELCh(69, 22.900, 21.468)

Have a look what the booklet for
CIELCh(69, 22.900, 21.468) contains.

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Color

CIELCh(69, 22.910, 21.557)

Conversions

Conversions Part 1

Format	Color
Hex	D39A9A
RGB	211, 154, 154
RGB Percent	83%, 60%, 60%
CMY	0.1721, 0.3957, 0.3957
CMYK	0.00, 0.27, 0.27, 0.17
HSL	0°, 39%, 72%
HSV	0°, 27%, 83%
XYZ	44.3069, 39.3444, 35.8733
YIQ	171.0430, 33.9720, 12.0840

Conversions

Conversions Part 2

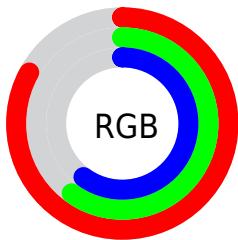
Format	Color
R_{YB}	211, 154, 154
Decimal	13867674
CIE Lab	69.00, 21.31, 8.42
CIE LCh	69, 22.910, 21.557
Yxy	39.3444, 0.3707, 0.3292
Android (android.graphics.Color)	4292057754 (0xFFD39A9A)
YUV	171.0430, -8.4022, 35.0423
Hunter-Lab	62.7251, 16.3175, 9.9988

Details

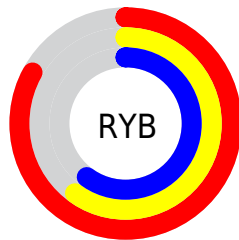
The CIELCh color **69, 22.910, 21.557** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81, 19.089, 198.069**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.288, 22.374**, and **49, 23.018, 20.928** is the 20% darker color. If you saturate the color by 10%, you get **64, 32.555, 22.854**, and if you desaturate by 10%, it is **75, 13.878, 20.563**.

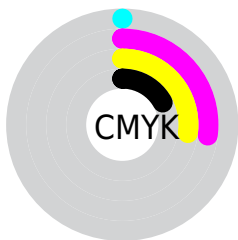
Distribution



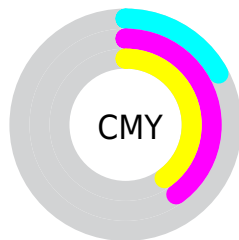
- Red (83%)
- Green (60%)
- Blue (60%)



- Red (83%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (17%)



- Cyan (17%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 22.910, 21.557 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, 22.910, 21.557 by changing the saturation by 10% instead.

69, 22.910, 21.557

69, 22.910, 21.557

100, 22.910,
21.557

59, 22.910, 21.557

89, 22.910, 21.557

49, 22.910, 21.557

99, 22.910, 21.557

39, 22.910, 21.557

29, 22.910, 21.557

19, 22.910, 21.557

9, 22.910, 21.557

0, 22.910, 21.557

69, 22.910, 21.557

69, 22.910, 21.557

64, 32.555, 22.854

75, 13.878, 20.563

■ 59, 42.716, 24.541

■ 80, 5.496, 19.742

■ 54, 53.190, 26.735

■ 86, 2.258, 199.511

■ 50, 63.675, 29.524

■ 92, 9.427, 198.853

■ 47, 73.745, 32.882

■ 97, 14.650,
198.529

■ 45, 82.690, 36.447

■ 44, 89.036, 39.248

■ 44, 90.686, 40.001

Harmonies

Complementary

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



69, 22.910, 21.557



81, 19.089, 198.069

Rectangle

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



69, 22.910, 21.557



69, 22.910, 71.557



69, 22.910, 201.557



69, 22.910, 251.557

Sweetspot

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



69, 22.908, 21.562



94, 7.348, 19.829



71, 37.031, 325.905



49, 5.253, 19.950



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 22.908, 21.562



79, 32.276, 22.210



76, 19.214, 72.067



41, 4.459, 19.934



35, 76.454, 39.865



4, 20.017, 19.471

Inverse Universe

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



81, 19.089, 198.069



95, 25.825, 197.833



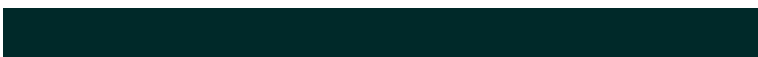
73, 17.849, 259.546



43, 4.203, 198.983



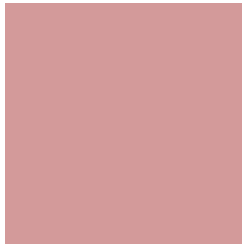
62, 36.708, 196.399



14, 14.037, 196.397

Previews

White Background



This preview shows how the CIELCh color 69, 22.910, 21.557 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 CIE LCh color 69, 22.910, 21.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

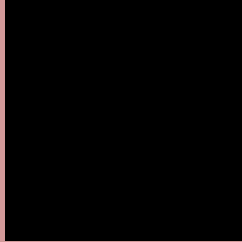
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 22.910, 21.557

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.910, 21.557.

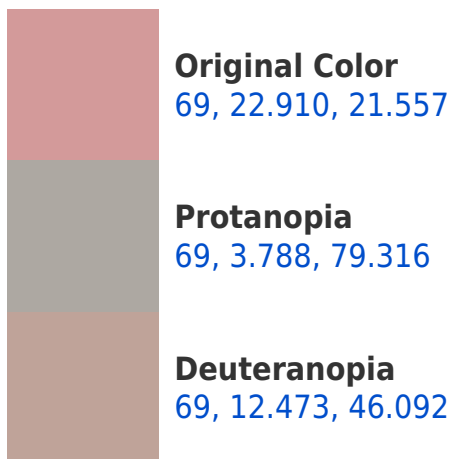


This preview shows how white text looks on a background with the CIELCh color 69, 22.910, 21.557.

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





Tritanopia
69, 23.856, 7.307

Trichromacy



Original Color
69, 22.910, 21.557

Protanomaly
69, 9.674, 33.181

Deuteranomaly
69, 15.747, 34.643

Tritanomaly
69, 23.638, 12.498

Monochromacy



Original Color
69, 22.910, 21.557

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.126, 20.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.910, 21.557 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(211, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(211, 154, 154)  
}
```

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(211, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 154, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.910, 21.557 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(211, 154, 154) }
```

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

```
.border{ border-color:rgb(211, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(211, 154,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.910, 21.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 154, 154) }
```

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

```
.background{ background-color: rgb(211,  
154, 154) }
```

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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