

Converting Colors

CIELCh(69, 23.855, 28.416)

Have a look what the booklet for
CIELCh(69, 23.855, 28.416) contains.

CIELCh(69, 23.800, 28.066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 23.800, 28.066)

Conversions

Conversions Part 1

Format	Color
Hex	D49A95
RGB	212, 154, 149
RGB Percent	83%, 60%, 58%
CMY	0.1681, 0.3956, 0.4152
CMYK	0.00, 0.27, 0.30, 0.17
HSL	5°, 42%, 71%
HSV	5°, 30%, 83%
XYZ	44.2020, 39.3444, 33.7508
YIQ	170.7720, 36.1730, 10.7410

Conversions

Conversions Part 2

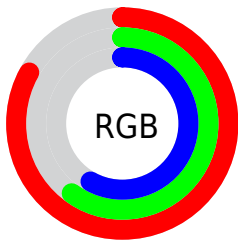
Format	Color
R _Y B	212, 154, 149
Decimal	13933205
CIE Lab	69.00, 21.00, 11.20
CIE LCh	69, 23.800, 28.066
Yxy	39.3444, 0.3768, 0.3354
Android (android.graphics.Color)	4292123285 (0xFFD49A95)
YUV	170.7720, -10.7336, 36.1570
Hunter-Lab	62.7251, 16.0189, 12.0051

Details

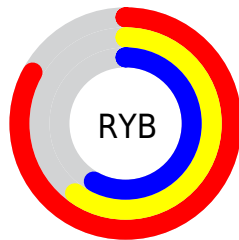
The CIELCh color **69, 23.800, 28.066** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80, 19.287, 206.088**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.736, 30.698**, and **49, 24.024, 27.845** is the 20% darker color. If you saturate the color by 10%, you get **64, 33.090, 29.028**, and if you desaturate by 10%, it is **74, 15.155, 27.367**.

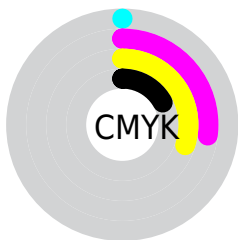
Distribution



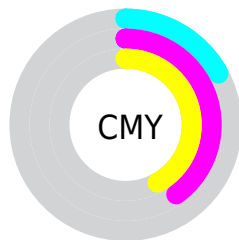
- Red (83%)
- Green (60%)
- Blue (58%)



- Red (83%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (27%)
- Yellow (30%)
- Black (17%)



- Cyan (17%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 23.800, 28.066 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, 23.800, 28.066 by changing the saturation by 10% instead.

69, 23.800, 28.066

69, 23.800, 28.066

100, 23.800,
28.066

59, 23.800, 28.066

89, 23.800, 28.066

49, 23.800, 28.066

99, 23.800, 28.066

39, 23.800, 28.066

29, 23.800, 28.066

19, 23.800, 28.066

9, 23.800, 28.066

0, 23.800, 28.066

69, 23.800, 28.066

69, 23.800, 28.066

64, 33.090, 29.028

74, 15.155, 27.367

■ 59, 42.970, 30.311

■ 80, 7.162, 26.831

■ 55, 53.299, 31.995

■ 85, 0.211, 209.324

■ 51, 63.826, 34.114

■ 91, 7.015, 206.420

■ 48, 74.103, 36.578

■ 96, 13.301,
205.800

■ 46, 83.207, 38.970

■ 97, 14.324,
198.551

■ 45, 89.728, 40.697

■ 45, 89.908, 40.763

Harmonies

Complementary

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



69, 23.800, 28.066



80, 19.287, 206.088

Rectangle

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



69, 23.800, 28.066



69, 23.800, 78.066



69, 23.800, 208.066



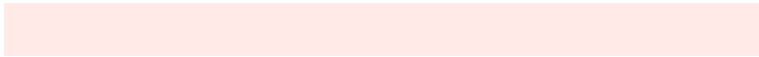
69, 23.800, 258.066

Sweetspot

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



69, 23.798, 28.072



94, 7.694, 26.801



70, 39.059, 327.965



49, 5.379, 26.874



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, 23.798, 28.072



78, 34.391, 28.678



77, 22.190, 78.408



42, 4.218, 26.817



36, 76.240, 40.896



5, 20.905, 23.771

Inverse Universe

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



80, 19.287, 206.088



93, 26.388, 206.090



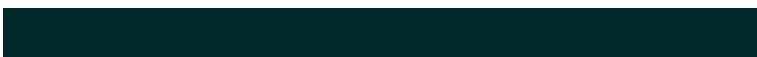
71, 21.132, 267.005



44, 3.969, 206.419



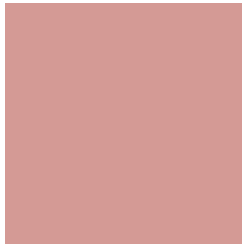
59, 33.665, 210.060



14, 13.398, 207.338

Previews

White Background



This preview shows how the CIELCh color 69, 23.800, 28.066 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, 23.800, 28.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

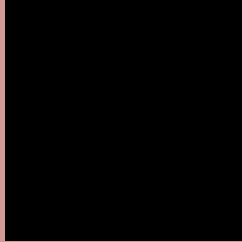
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 23.800, 28.066

Background



This preview shows how black text looks on a background with the CIELCh color 69, 23.800, 28.066.

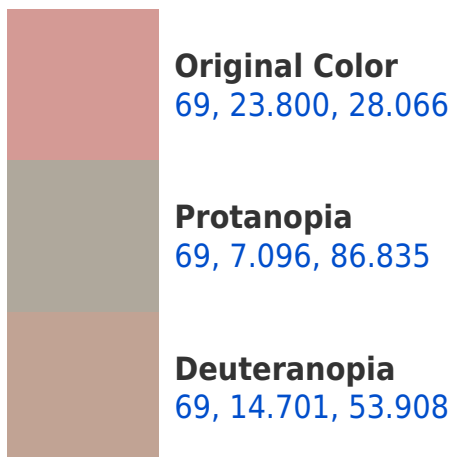


This preview shows how white text looks on a background with the CIELCh color 69, 23.800, 28.066.

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, 25.125, 6.933

Trichromacy



Original Color
69, 23.800, 28.066

Protanomaly
69, 11.473, 45.460

Deuteranomaly
69, 17.594, 42.399

Tritanomaly
69, 24.019, 13.986

Monochromacy



Original Color
69, 23.800, 28.066

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 8.234, 27.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 23.800, 28.066 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(212, 154, 149)` looks like.

```
.text, #text, p{  
    color:rgb(212, 154, 149)  
}
```

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(212, 154, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 154, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 23.800, 28.066 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(212, 154, 149) }
```

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

```
.border{ border-color:rgb(212, 154, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 154, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 154, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 154, 149);  
box-shadow:4px 4px 4px 4px rgb(212, 154,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 23.800, 28.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 154, 149) }
```

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

```
.background{ background-color: rgb(212,  
154, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor