

Converting Colors

CIELCh(68, 30.399, 22.030)

Have a look what the booklet for
CIELCh(68, 30.399, 22.030) contains.

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Color

CIELCh(68, 30.667, 22.428)

Conversions

Conversions Part 1

Format	Color
Hex	DD9292
RGB	221, 146, 146
RGB Percent	87%, 57%, 57%
CMY	0.1336, 0.4277, 0.4277
CMYK	0.00, 0.34, 0.34, 0.13
HSL	0°, 52%, 72%
HSV	0°, 34%, 87%
XYZ	45.2493, 37.9720, 32.1124
YIQ	168.4250, 44.7000, 15.9000

Conversions

Conversions Part 2

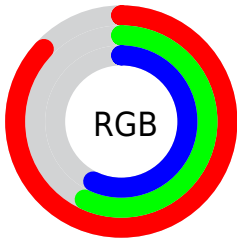
Format	Color
R _Y B	221, 146, 146
Decimal	14520978
CIE Lab	68.00, 28.35, 11.70
CIE LCh	68, 30.667, 22.428
Yxy	37.9720, 0.3923, 0.3292
Android (android.graphics.Color)	4292711058 (0xFFDD9292)
YUV	168.4250, -11.0555, 46.1083
Hunter-Lab	61.6215, 23.2370, 12.2376

Details

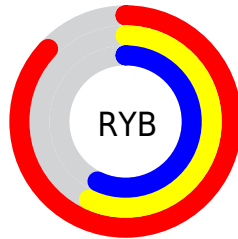
The CIELCh color **68, 30.667, 22.428** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83, 24.215, 197.758**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 20.547, 22.406**, and **48, 30.470, 22.460** is the 20% darker color. If you saturate the color by 10%, you get **63, 41.068, 23.996**, and if you desaturate by 10%, it is **74, 20.838, 21.234**.

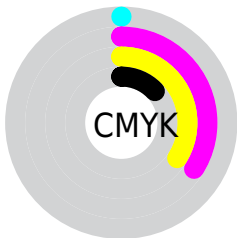
Distribution



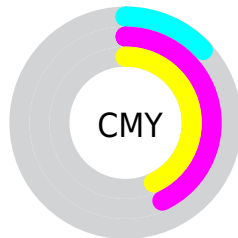
- Red (87%)
- Green (57%)
- Blue (57%)



- Red (87%)
- Yellow (57%)
- Blue (57%)



- Cyan (0%)
- Magenta (34%)
- Yellow (34%)
- Black (13%)



- Cyan (13%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 30.667, 22.428 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 68, 30.667, 22.428 by changing the saturation by 10% instead.

68, 30.667, 22.428

68, 30.667, 22.428

100, 30.667,
22.428

58, 30.667, 22.428

88, 30.667, 22.428

48, 30.667, 22.428

98, 30.667, 22.428

38, 30.667, 22.428

28, 30.667, 22.428

18, 30.667, 22.428

8, 30.667, 22.428

0, 30.667, 22.428

68, 30.667, 22.428

68, 30.667, 22.428

63, 41.068, 23.996

74, 20.838, 21.234

■ 58, 51.869, 26.036

■ 80, 11.670, 20.301

■ 54, 62.783, 28.655

■ 86, 3.173, 19.461

■ 50, 73.411, 31.876

■ 92, 4.681, 199.226

■ 48, 83.136, 35.462

■ 98, 11.501,
198.738

■ 47, 90.643, 38.598

■ 46, 93.838, 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.



68, 30.667, 22.428



83, 24.215, 197.758

Rectangle

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



68, 30.667, 22.428



68, 30.667, 72.428



68, 30.667, 202.428



68, 30.667, 252.428

Sweetspot

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



68, 30.665, 22.432



93, 9.259, 19.987



70, 48.125, 326.273



49, 6.352, 20.100



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 30.665, 22.432



73, 42.683, 23.546



77, 25.484, 71.184



43, 4.639, 19.935



36, 78.234, 39.929



5, 23.839, 20.271

Inverse Universe

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



83, 24.215, 197.758



94, 31.779, 197.467



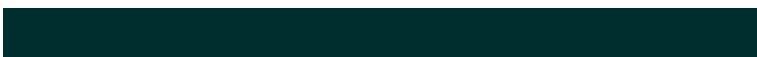
73, 23.164, 260.965



45, 4.371, 198.976



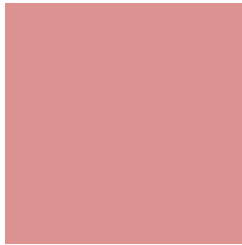
64, 37.529, 196.394



16, 15.073, 196.393

Previews

White Background



This preview shows how the CIELCh color 68, 30.667, 22.428 looks on a white background.

Color Contrast Check

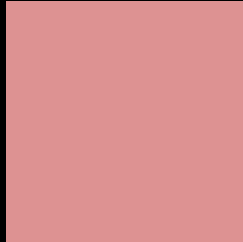
Large Text (above 18pt) WCAG AA × Fail

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 68, 30.667, 22.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

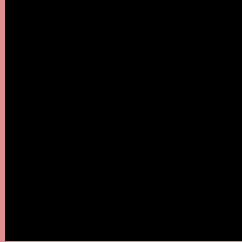
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 30.667, 22.428

Background



This preview shows how black text looks on a background with the CIELCh color 68, 30.667, 22.428.



This preview shows how white text looks on a background with the CIELCh color 68, 30.667, 22.428.

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

68, 30.667, 22.428

Protanopia

68, 5.448, 84.282

Deuteranopia

68, 15.457, 57.046



Tritanopia
68, 31.622, 11.877

Trichromacy



Original Color
68, 30.667, 22.428

Protanomaly
68, 12.826, 35.231

Deuteranomaly
68, 19.869, 38.492

Tritanomaly
68, 31.173, 15.641

Monochromacy



Original Color
68, 30.667, 22.428

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 10.567, 20.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 30.667, 22.428 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(221, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(221, 146, 146)  
}
```

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(221, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 146, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 30.667, 22.428 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(221, 146, 146) }
```

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

```
.border{ border-color:rgb(221, 146, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 146, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 146, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 146, 146);  
box-shadow:4px 4px 4px 4px rgb(221, 146,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 30.667, 22.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 146, 146) }
```

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

```
.background{ background-color: rgb(221,  
146, 146) }
```

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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