

Converting Colors

CIELCh(69, 24.769, 1.448)

Have a look what the booklet for
CIELCh(69, 24.769, 1.448) contains.

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Color

CIELCh(69, 24.812, 1.423)

Conversions

Conversions Part 1

Format	Color
Hex	D498A8
RGB	212, 152, 168
RGB Percent	83%, 60%, 66%
CMY	0.1681, 0.4034, 0.3407
CMYK	0.00, 0.28, 0.21, 0.17
HSL	344°, 41%, 71%
HSV	344°, 28%, 83%
XYZ	45.5167, 39.3444, 42.3013
YIQ	171.7640, 30.6240, 17.6960

Conversions

Conversions Part 2

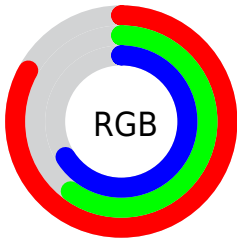
Format	Color
R _Y B	212, 152, 168
Decimal	13932712
CIE Lab	69.00, 24.80, 0.62
CIE LCh	69, 24.812, 1.423
Yxy	39.3444, 0.3579, 0.3094
Android (android.graphics.Color)	4292122792 (0xFFD498A8)
YUV	171.7640, -1.8557, 35.2870
Hunter-Lab	62.7251, 19.7602, 3.9229

Details

The CIELCh color $69, 24.812, 1.423$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $81, 22.582, 175.576$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 19.406, 355.574$, and $49, 24.907, 1.050$ is the 20% darker color. If you saturate the color by 10%, you get $64, 34.053, 2.950$, and if you desaturate by 10%, it is $74, 15.740, 0.147$.

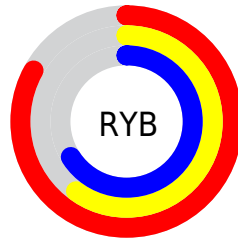
Distribution



Red (83%)

Green (60%)

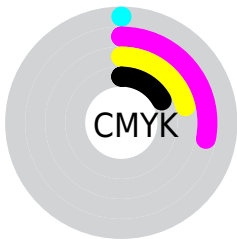
Blue (66%)



Red (83%)

Yellow (60%)

Blue (66%)

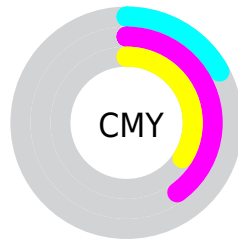


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (17%)



Cyan (17%)

Magenta (40%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 24.812, 1.423 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, 24.812, 1.423 by changing the saturation by 10% instead.

 69, 24.812, 1.423

 69, 24.812, 1.423

 100, 24.812, 1.423

 59, 24.812, 1.423

 89, 24.812, 1.423

 49, 24.812, 1.423

 99, 24.812, 1.423

 39, 24.812, 1.423

 29, 24.812, 1.423

 19, 24.812, 1.423

 9, 24.812, 1.423

 0, 24.812, 1.423

 69, 24.812, 1.423

 69, 24.812, 1.423

 64, 34.053, 2.950

 74, 15.740, 0.147

■ 59, 43.245, 4.810

■ 80, 6.980, 359.028

■ 55, 52.061, 7.126

■ 86, 1.404, 178.532

■ 51, 60.106, 10.053

■ 92, 9.388, 177.403

■ 48, 67.013, 13.758

■ 97, 15.383,
180.829

■ 46, 72.612, 18.360

■ 97, 14.325,
198.551

■ 45, 77.156, 23.733

■ 45, 77.947, 24.639

Harmonies

Complementary

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



69, 24.812, 1.423



81, 22.582, 175.576

Rectangle

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



69, 24.812, 1.423



69, 24.812, 51.423



69, 24.812, 181.423



69, 24.812, 231.423

Sweetspot

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



69, 24.810, 1.426



95, 7.821, 359.006



69, 36.435, 317.994



50, 5.577, 359.172



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, 24.810, 1.426



78, 34.944, 2.317



72, 20.253, 42.645



42, 4.831, 359.152



36, 65.936, 23.699



5, 22.183, 7.878

Inverse Universe

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



69, 24.810, 1.426



78, 34.944, 2.317



77, 16.780, 225.189



42, 4.831, 359.152



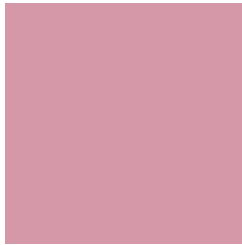
36, 65.936, 23.699



5, 22.183, 7.878

Previews

White Background



This preview shows how the CIELCh color 69, 24.812, 1.423 looks on a white background.

Color Contrast Check

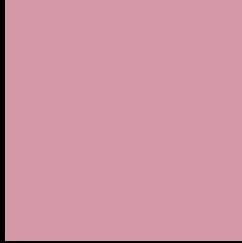
Large Text (above 18pt) WCAG AA × Fail

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, 24.812, 1.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

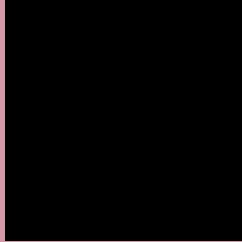
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 24.812, 1.423

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.812, 1.423.



This preview shows how white text looks on a background with the CIELCh color 69, 24.812, 1.423.

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, 24.812, 1.423

Protanopia
69, 4.966, 294.954

Deuteranopia
69, 9.030, 9.741



Tritanopia
69, 23.856, 7.307

Trichromacy



Original Color
69, 24.812, 1.423

Protanomaly
69, 10.946, 343.486

Deuteranomaly
69, 14.980, 3.899

Tritanomaly
69, 23.943, 6.028

Monochromacy



Original Color
69, 24.812, 1.423

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 9.036, 358.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.812, 1.423 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, 152, 168)` looks like.

```
.text, #text, p{  
    color:rgb(212, 152, 168)  
}
```

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, 152, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 152, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.812, 1.423 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, 152, 168) }
```

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

```
.border{ border-color:rgb(212, 152, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 152, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 152, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 152, 168);  
box-shadow:4px 4px 4px 4px rgb(212, 152,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.812, 1.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 152, 168) }
```

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

```
.background{ background-color: rgb(212,  
152, 168) }
```

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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