

Converting Colors

CIELCh(69, 29.710, 7.721)

Have a look what the booklet for
CIELCh(69, 29.710, 7.721) contains.

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Color

CIELCh(69, 29.650, 7.681)

Conversions

Conversions Part 1

Format	Color
Hex	DD94A2
RGB	221, 148, 162
RGB Percent	87%, 58%, 64%
CMY	0.1318, 0.4182, 0.3633
CMYK	0.00, 0.33, 0.27, 0.13
HSL	349°, 52%, 72%
HSV	349°, 33%, 87%
XYZ	47.1341, 39.3444, 39.4572
YIQ	171.4230, 39.0140, 19.8300

Conversions

Conversions Part 2

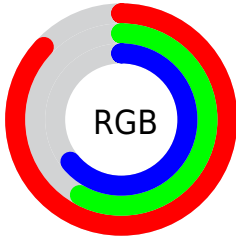
Format	Color
R _Y B	221, 148, 162
Decimal	14521506
CIE Lab	69.00, 29.38, 3.96
CIE LCh	69, 29.650, 7.681
Yxy	39.3444, 0.3743, 0.3124
Android (android.graphics.Color)	4292711586 (0xFFDD94A2)
YUV	171.4230, -4.6455, 43.4790
Hunter-Lab	62.7251, 24.3628, 6.6112

Details

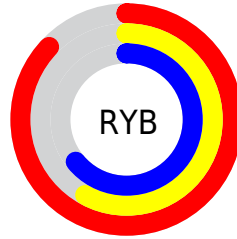
The CIELCh color **69, 29.650, 7.681** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83, 25.708, 180.818**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 20.496, 0.237**, and **49, 29.645, 7.894** is the 20% darker color. If you saturate the color by 10%, you get **64, 39.305, 9.413**, and if you desaturate by 10%, it is **75, 20.203, 6.273**.

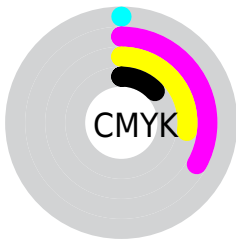
Distribution



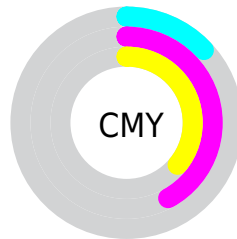
- Red (87%)
- Green (58%)
- Blue (64%)



- Red (87%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (33%)
- Yellow (27%)
- Black (13%)



- Cyan (13%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 29.650, 7.681 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, 29.650, 7.681 by changing the saturation by 10% instead.

 69, 29.650, 7.681  69, 29.650, 7.681

 100, 29.650, 7.681  59, 29.650, 7.681

 89, 29.650, 7.681  49, 29.650, 7.681


 99, 29.650, 7.681  39, 29.650, 7.681

 29, 29.650, 7.681

 19, 29.650, 7.681

 9, 29.650, 7.681

 0, 29.650, 7.681

 69, 29.650, 7.681  69, 29.650, 7.681

 64, 39.305, 9.413  75, 20.203, 6.273

■ 59, 48.927, 11.573

■ 80, 11.126, 5.088

■ 55, 58.170, 14.306

■ 86, 2.492, 3.935

■ 51, 66.661, 17.766

■ 93, 5.677, 183.412

■ 49, 74.117, 22.059

■ 98, 11.567,
190.659

■ 47, 80.480, 27.114

■ 98, 11.354,
198.748

■ 46, 84.511, 30.765

Harmonies

Complementary

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



69, 29.650, 7.681



83, 25.708, 180.818

Rectangle

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



69, 29.650, 7.681



69, 29.650, 57.681



69, 29.650, 187.681



69, 29.650, 237.681

Sweetspot

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



69, 29.647, 7.684



93, 9.535, 4.772



69, 44.692, 320.271



49, 6.530, 4.925



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, 29.647, 7.684



74, 40.857, 8.915



74, 24.297, 49.635



43, 4.781, 4.702



36, 69.809, 29.798



5, 23.738, 11.984

Inverse Universe

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



69, 29.647, 7.684



74, 40.857, 8.915



78, 19.845, 234.973



43, 4.781, 4.702



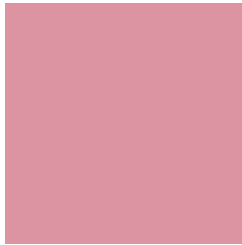
36, 69.809, 29.798



5, 23.738, 11.984

Previews

White Background



This preview shows how the CIELCh color 69, 29.650, 7.681 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, 29.650, 7.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

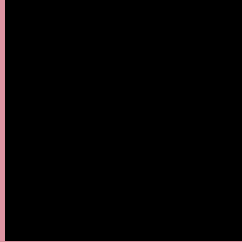
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 29.650, 7.681

Background



This preview shows how black text looks on a background with the CIELCh color 69, 29.650, 7.681.



This preview shows how white text looks on a background with the CIELCh color 69, 29.650, 7.681.

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, 29.650, 7.681

Protanopia
69, 2.861, 305.614

Deuteranopia
69, 9.937, 29.671



Tritanopia
69, 29.065, 10.575

Trichromacy



Original Color
69, 29.650, 7.681

Protanomaly
69, 11.619, 358.373

Deuteranomaly
69, 16.610, 15.318

Tritanomaly
69, 29.110, 9.516

Monochromacy



Original Color
69, 29.650, 7.681

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 10.763, 5.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 29.650, 7.681 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, 148, 162)` looks like.

```
.text, #text, p{  
    color:rgb(221, 148, 162)  
}
```

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, 148, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 148, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 29.650, 7.681 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, 148, 162) }
```

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

```
.border{ border-color:rgb(221, 148, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 148, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 148, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 148, 162);  
box-shadow:4px 4px 4px 4px rgb(221, 148,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 29.650, 7.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 148, 162) }
```

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

```
.background{ background-color: rgb(221,  
148, 162) }
```

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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