

Converting Colors

CIELCh(69, 29.725, 2.414)

Have a look what the booklet for
CIELCh(69, 29.725, 2.414) contains.

CIELCh(69, 29.750, 2.276)	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, 29.750, 2.276)

Conversions

Conversions Part 1

Format	Color
Hex	DC94A7
RGB	220, 148, 167
RGB Percent	86%, 58%, 65%
CMY	0.1360, 0.4184, 0.3439
CMYK	0.00, 0.33, 0.24, 0.14
HSL	344°, 51%, 72%
HSV	344°, 33%, 86%
XYZ	47.2566, 39.3444, 41.8116
YIQ	171.6940, 36.8130, 21.1730

Conversions

Conversions Part 2

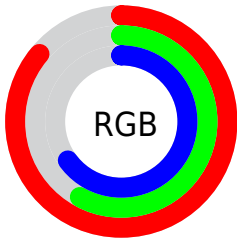
Format	Color
R _Y B	220, 148, 167
Decimal	14455975
CIE Lab	69.00, 29.73, 1.18
CIE LCh	69, 29.750, 2.276
Yxy	39.3444, 0.3680, 0.3064
Android (android.graphics.Color)	4292646055 (0xFFDC94A7)
YUV	171.6940, -2.3141, 42.3644
Hunter-Lab	62.7251, 24.7115, 4.3858

Details

The CIELCh color $69, 29.750, 2.276$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $83, 26.617, 175.290$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 21.416, 353.623$, and $49, 30.078, 2.429$ is the 20% darker color. If you saturate the color by 10%, you get $64, 39.292, 3.947$, and if you desaturate by 10%, it is $75, 20.296, 0.896$.

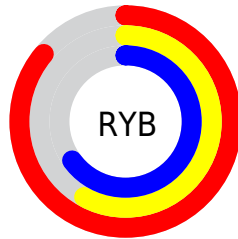
Distribution



Red (86%)

Green (58%)

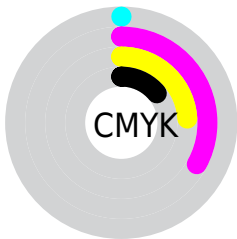
Blue (65%)



Red (86%)

Yellow (58%)

Blue (65%)

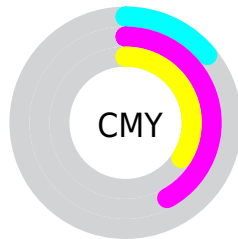


Cyan (0%)

Magenta (33%)

Yellow (24%)

Black (14%)



Cyan (14%)

Magenta (42%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 29.750, 2.276 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, 29.750, 2.276 by changing the saturation by 10% instead.

 69, 29.750, 2.276  69, 29.750, 2.276

 100, 29.750, 2.276  59, 29.750, 2.276

 89, 29.750, 2.276  49, 29.750, 2.276

 99, 29.750, 2.276  39, 29.750, 2.276

 29, 29.750, 2.276

 19, 29.750, 2.276

 9, 29.750, 2.276

 0, 29.750, 2.276

 69, 29.750, 2.276  69, 29.750, 2.276

 64, 39.292, 3.947  75, 20.296, 0.896

59, 48.650, 6.006

80, 11.116,
359.715

55, 57.447, 8.591

86, 2.304, 358.538

51, 65.271, 11.869

92, 6.100, 177.985

49, 71.813, 15.995

97, 12.369,
182.848

47, 77.047, 21.023

46, 80.411, 25.027

98, 11.696,
198.725

Harmonies

Complementary

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



69, 29.750, 2.276



83, 26.617, 175.290

Rectangle

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



69, 29.750, 2.276



69, 29.750, 52.276



69, 29.750, 182.276



69, 29.750, 232.276

Sweetspot

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



69, 29.747, 2.279



93, 9.807, 359.429



69, 43.493, 318.186



49, 6.712, 359.584



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, 29.747, 2.279



75, 40.293, 3.348



72, 24.586, 42.616



43, 4.919, 359.358



36, 66.796, 24.013



5, 23.821, 8.761

Inverse Universe

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



69, 29.747, 2.279



75, 40.293, 3.348



79, 19.682, 225.625



43, 4.919, 359.358



36, 66.796, 24.013



5, 23.821, 8.761

Previews

White Background



This preview shows how the CIELCh color 69, 29.750, 2.276 looks on a white background.

Color Contrast Check

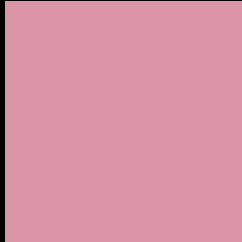
Large Text (above 18pt) WCAG AA × Fail

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, 29.750, 2.276 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, 29.750, 2.276

Background



This preview shows how black text looks on a background with the CIELCh color 69, 29.750, 2.276.



This preview shows how white text looks on a background with the CIELCh color 69, 29.750, 2.276.

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, 28.718, 9.289

Trichromacy



Original Color
69, 29.750, 2.276

Protanomaly
69, 12.810, 343.834

Deuteranomaly
69, 16.519, 5.694

Tritanomaly
69, 28.845, 7.155

Monochromacy



Original Color
69, 29.750, 2.276

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 11.051, 0.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 29.750, 2.276 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(220, 148, 167)` looks like.

```
.text, #text, p{  
    color:rgb(220, 148, 167)  
}
```

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(220, 148, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 148, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 29.750, 2.276 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(220, 148, 167) }
```

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

```
.border{ border-color:rgb(220, 148, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 148, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 148, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 148, 167);  
box-shadow:4px 4px 4px 4px rgb(220, 148,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 29.750, 2.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 148, 167) }
```

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

```
.background{ background-color: rgb(220,  
148, 167) }
```

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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