

Converting Colors

CIELCh(69, 57.243, 323.751)

Have a look what the booklet for
CIELCh(69, 57.243, 323.751)
contains.

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Color

CIELCh(69, 57.112, 324.008)

Conversions

Conversions Part 1

Format	Color
Hex	DE8AE6
RGB	222, 138, 230
RGB Percent	87%, 54%, 90%
CMY	0.1300, 0.4594, 0.0986
CMYK	0.03, 0.40, 0.00, 0.10
HSL	295°, 65%, 72%
HSV	295°, 40%, 90%
XYZ	53.4048, 39.3444, 79.5278
YIQ	173.6040, 20.5320, 46.4200

Conversions

Conversions Part 2

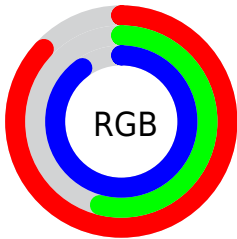
Format	Color
R _{YB}	222, 138, 230
Decimal	14584550
CIE Lab	69.00, 46.21, -33.56
CIE LCh	69, 57.112, 324.008
Yxy	39.3444, 0.3100, 0.2284
Android (android.graphics.Color)	4292774630 (0xFFDE8AE6)
YUV	173.6040, 27.8032, 42.4433
Hunter-Lab	62.7251, 42.2077, -31.2649

Details

The CIELCh color $69, 57.112, 324.008$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $84, 56.815, 139.419$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 38.882, 325.774$, and $49, 57.242, 323.989$ is the 20% darker color. If you saturate the color by 10%, you get $64, 70.387, 324.414$, and if you desaturate by 10%, it is $74, 43.077, 323.550$.

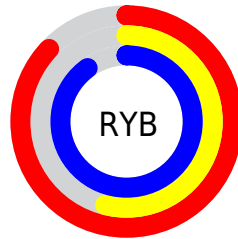
Distribution



Red (87%)

Green (54%)

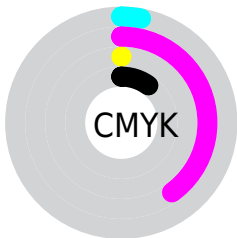
Blue (90%)



Red (87%)

Yellow (54%)

Blue (90%)

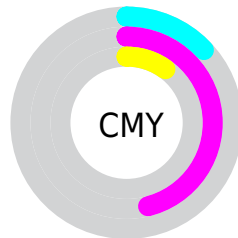


Cyan (3%)

Magenta (40%)

Yellow (0%)

Black (10%)



Cyan (13%)

Magenta (46%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 57.112, 324.008 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, 57.112, 324.008 by changing the saturation by 10% instead.

 69, 57.112,
324.008


 69, 57.112,
324.008

 100, 57.112,
324.008

 59, 57.112,
324.008

 89, 57.112,
324.008


 49, 57.112,
324.008

 99, 57.112,
324.008

 39, 57.112,
324.008

 29, 57.112,
324.008

 19, 57.112,
324.008

 9, 57.112, 324.008

 0, 57.112, 324.008

69, 57.112,
324.008

69, 57.112,
324.008

64, 70.387,
324.414

74, 43.077,
323.550

60, 82.381,
324.743

80, 28.705,
323.062

57, 92.493,
324.966

85, 14.292,
322.556

54, 100.162,
325.057

91, 0.039, 315.380

52, 105.044,
324.999


97, 13.928,
141.620

51, 107.440,
324.803

98, 14.915,
139.565

98, 14.558,
137.225

98, 14.226,
134.759

 98, 13.922,
132.169

Harmonies

Complementary

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



69, 57.112, 324.008



84, 56.815, 139.419

Rectangle

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



69, 57.112, 324.008



69, 57.112, 14.008



69, 57.112, 144.008



69, 57.112, 194.008

Sweetspot

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



69, 57.110, 324.008



92, 18.644, 322.661



63, 46.237, 291.580



48, 12.376, 322.728



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, 57.110, 324.008



72, 73.711, 324.348



69, 44.563, 342.121



45, 8.087, 322.527



40, 88.915, 324.858



8, 37.226, 325.354

Inverse Universe

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



67, 37.549, 16.839



69, 49.938, 18.455



84, 43.443, 154.879



45, 4.840, 12.913



37, 76.361, 36.379



6, 26.850, 18.160

Previews

White Background



This preview shows how the CIELCh color 69, 57.112, 324.008 looks on a white background.

Color Contrast Check

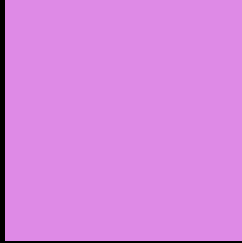
Large Text (above 18pt) WCAG AA × Fail

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, 57.112, 324.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

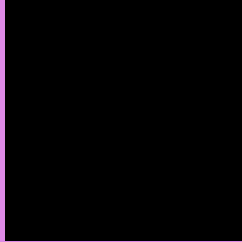
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 57.112, 324.008

Background



This preview shows how black text looks on a background with the CIELCh color 69, 57.112, 324.008.

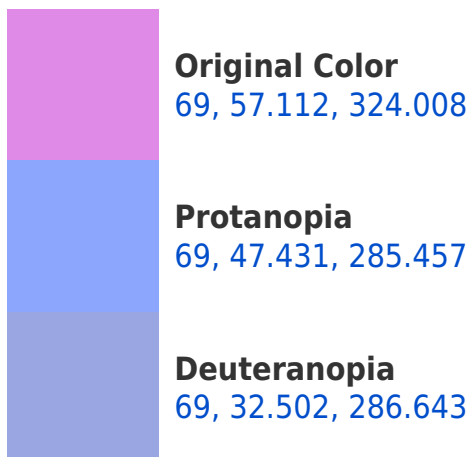



This preview shows how white text looks on a background with the CIELCh color 69, 57.112, 324.008.

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, 24.740, 6.645

Trichromacy



Original Color
69, 57.112, 324.008



Protanomaly
69, 48.703, 299.492



Deuteranomaly
69, 39.959, 304.755



Tritanomaly
69, 33.823, 341.579

Monochromacy



Original Color
69, 57.112, 324.008



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 21.864, 322.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 57.112, 324.008 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(222, 138, 230)` looks like.

```
.text, #text, p{  
    color:rgb(222, 138, 230)  
}
```

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(222, 138, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 138, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 57.112, 324.008 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(222, 138, 230) }
```

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

```
.border{ border-color:rgb(222, 138, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 138, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 138, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 138, 230);  
box-shadow:4px 4px 4px 4px rgb(222, 138,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 57.112, 324.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 138, 230) }
```

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

```
.background{ background-color: rgb(222,  
138, 230) }
```

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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