

Converting Colors

CIELCh(69, 52.199, 326.946)

Have a look what the booklet for
CIELCh(69, 52.199, 326.946)
contains.

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Color

CIELCh(69, 52.624, 326.787)

Conversions

Conversions Part 1

Format	Color
Hex	DE8BDD
RGB	222, 139, 221
RGB Percent	87%, 55%, 87%
CMY	0.1284, 0.4539, 0.1323
CMYK	0.00, 0.37, 0.00, 0.13
HSL	301°, 56%, 71%
HSV	301°, 37%, 87%
XYZ	52.5620, 39.3444, 73.4151
YIQ	173.1650, 23.1460, 43.0980

Conversions

Conversions Part 2

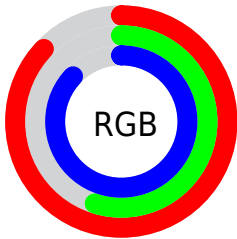
Format	Color
R _{YB}	222, 139, 221
Decimal	14584797
CIE Lab	69.00, 44.03, -28.82
CIE LCh	69, 52.624, 326.787
Yxy	39.3444, 0.3179, 0.2380
Android (android.graphics.Color)	4292774877 (0xFFDE8BDD)
YUV	173.1650, 23.5827, 42.8283
Hunter-Lab	62.7251, 39.8093, -25.4870

Details

The CIELCh color $69, 52.624, 326.787$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $82, 52.698, 141.969$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 38.257, 325.753$, and $49, 52.437, 326.518$ is the 20% darker color. If you saturate the color by 10%, you get $65, 65.704, 327.277$, and if you desaturate by 10%, it is $74, 38.786, 326.260$.

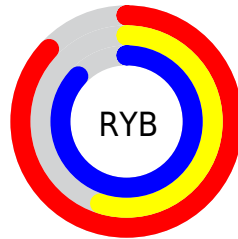
Distribution



Red (87%)

Green (55%)

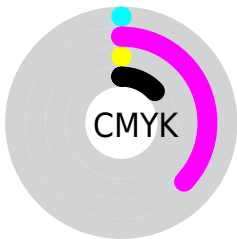
Blue (87%)



Red (87%)

Yellow (55%)

Blue (87%)

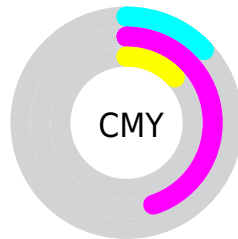


Cyan (0%)

Magenta (37%)

Yellow (0%)

Black (13%)



Cyan (13%)


Magenta (45%)

Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 52.624, 326.787 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, 52.624, 326.787 by changing the saturation by 10% instead.

 69, 52.624,
326.787


 69, 52.624,
326.787


 100, 52.624,
326.787

 59, 52.624,
326.787


 89, 52.624,
326.787

 49, 52.624,
326.787

 99, 52.624,
326.787

 39, 52.624,
326.787

 29, 52.624,
326.787

 19, 52.624,
326.787

 9, 52.624, 326.787

 0, 52.624, 326.787

69, 52.624,
326.787

69, 52.624,
326.787

65, 65.704,
327.277

74, 38.786,
326.260

61, 77.526,
327.714

79, 24.603,
325.710

58, 87.532,
328.082

84, 10.373,
325.142

55, 95.212,
328.370

90, 3.697, 144.697

54, 100.254,
328.573

96, 17.477,
144.102

53, 102.734,
328.698

97, 20.200,
144.165

53, 103.181,
328.725

97, 20.087,
144.387

97, 19.974,
144.612

■ 97, 19.861,
144.839

Harmonies

Complementary

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



69, 52.624, 326.787



82, 52.698, 141.969

Rectangle

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



69, 52.624, 326.787



69, 52.624, 16.787



69, 52.624, 146.787



69, 52.624, 196.787

Sweetspot

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



69, 52.621, 326.787



93, 17.394, 325.358



61, 46.732, 295.100



49, 11.695, 325.435



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, 52.621, 326.787



74, 70.073, 327.183



68, 38.167, 347.314



44, 8.087, 325.264



42, 86.668, 328.717



8, 35.638, 328.632

Inverse Universe

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



69, 52.621, 326.787



74, 70.073, 327.183



82, 36.491, 160.008



44, 8.087, 325.264



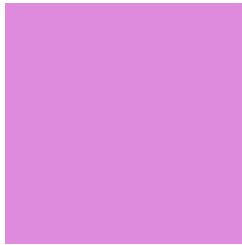
42, 86.668, 328.717



8, 35.638, 328.632

Previews

White Background



This preview shows how the CIELCh color 69, 52.624, 326.787 looks on a white background.

Color Contrast Check

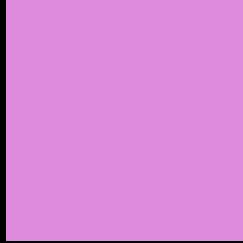
Large Text (above 18pt) WCAG AA × Fail

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, 52.624, 326.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

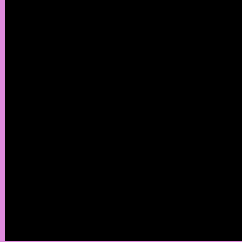
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 52.624, 326.787

Background



This preview shows how black text looks on a background with the CIELCh color 69, 52.624, 326.787.



This preview shows how white text looks on a background with the CIELCh color 69, 52.624, 326.787.

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, 52.624, 326.787

Protanopia
69, 41.910, 285.705

Deuteranopia
69, 27.484, 288.772



Tritanopia
69, 25.928, 7.506

Trichromacy



Original Color
69, 52.624, 326.787



Protanomaly
68, 43.432, 301.437



Deuteranomaly
69, 35.479, 308.293



Tritanomaly
69, 33.186, 345.539

Monochromacy



Original Color
69, 52.624, 326.787



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 19.842, 325.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 52.624, 326.787 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, 139, 221)` looks like.

```
.text, #text, p{  
    color:rgb(222, 139, 221)  
}
```

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, 139, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 139, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 52.624, 326.787 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, 139, 221) }
```

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

```
.border{ border-color:rgb(222, 139, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 139, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 139, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 139, 221);  
box-shadow:4px 4px 4px 4px rgb(222, 139,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 52.624, 326.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 139, 221) }
```

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

```
.background{ background-color: rgb(222,  
139, 221) }
```

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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