

Converting Colors

CIELCh(67, 56.447, 325.946)

Have a look what the booklet for
CIELCh(67, 56.447, 325.946)
contains.

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Color

CIELCh(67, 56.449, 325.932)

Conversions

Conversions Part 1

Format	Color
Hex	DB84DD
RGB	219, 132, 221
RGB Percent	86%, 52%, 87%
CMY	0.1425, 0.4835, 0.1346
CMYK	0.01, 0.40, 0.00, 0.13
HSL	299°, 56%, 69%
HSV	299°, 40%, 87%
XYZ	50.3323, 36.6320, 72.5996
YIQ	168.1590, 23.2830, 46.1230

Conversions

Conversions Part 2

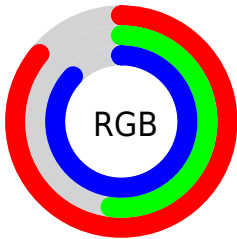
Format	Color
R _{YB}	219, 132, 221
Decimal	14386397
CIE Lab	67.00, 46.76, -31.62
CIE LCh	67, 56.449, 325.932
Yxy	36.6320, 0.3154, 0.2296
Android (android.graphics.Color)	4292576477 (0xFFDB84DD)
YUV	168.1590, 26.0506, 44.5876
Hunter-Lab	60.5244, 42.5237, -28.7519

Details

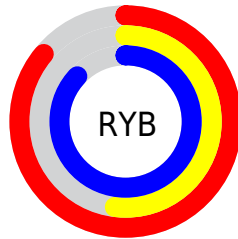
The CIELCh color $67, 56.449, 325.932$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $81, 56.470, 140.873$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $84, 42.626, 325.902$, and $47, 56.837, 325.712$ is the 20% darker color. If you saturate the color by 10%, you get $63, 69.246, 326.379$, and if you desaturate by 10%, it is $72, 42.792, 325.438$.

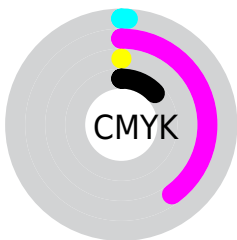
Distribution



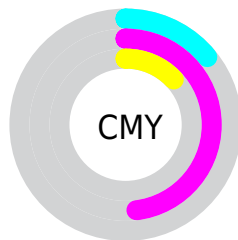
- Red (86%)
- Green (52%)
- Blue (87%)



- Red (86%)
- Yellow (52%)
- Blue (87%)



- Cyan (1%)
- Magenta (40%)
- Yellow (0%)
- Black (13%)





- Cyan (14%)
- Magenta (48%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 56.449, 325.932 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 67, 56.449, 325.932 by changing the saturation by 10% instead.


 67, 56.449,
325.932


 67, 56.449,
325.932


 100, 56.449,
325.932


 57, 56.449,
325.932


 87, 56.449,
325.932

 47, 56.449,
325.932

 97, 56.449,
325.932

 37, 56.449,
325.932

 27, 56.449,
325.932

 17, 56.449,
325.932

 7, 56.449, 325.932

 0, 56.449, 325.932

67, 56.449,
325.932

67, 56.449,
325.932

63, 69.246,
326.379

72, 42.792,
325.438

59, 80.668,
326.759

77, 28.712,
324.915

56, 90.154,
327.053

82, 14.526,
324.373

54, 97.224,
327.247

88, 0.457, 323.264

52, 101.629,
327.335


94, 13.350,
143.358

52, 103.718,
327.333

97, 21.260,
142.898

97, 21.159,
142.521

97, 21.059,
142.140

 97, 20.960,
141.756

Harmonies

Complementary

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



67, 56.449, 325.932



81, 56.470, 140.873

Rectangle

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



67, 56.449, 325.932



67, 56.449, 15.932



67, 56.449, 145.932



67, 56.449, 195.932

Sweetspot

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



67, 56.447, 325.932



93, 19.009, 324.471



59, 48.661, 294.383



48, 12.617, 324.543



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 56.447, 325.932



73, 74.578, 326.297



66, 41.706, 345.757



43, 7.945, 324.324



40, 86.635, 327.347



7, 34.482, 327.403

Inverse Universe

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



65, 37.005, 21.713



69, 50.713, 23.211



82, 40.098, 157.965



43, 4.638, 18.105



36, 77.262, 39.005



5, 23.805, 19.298

Previews

White Background



This preview shows how the CIELCh color 67, 56.449, 325.932 looks on a white background.

Color Contrast Check

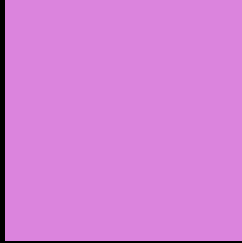
Large Text (above 18pt) WCAG AA × Fail

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 67, 56.449, 325.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

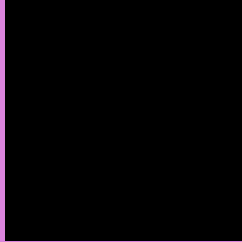
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 56.449, 325.932

Background



This preview shows how black text looks on a background with the CIELCh color 67, 56.449, 325.932.

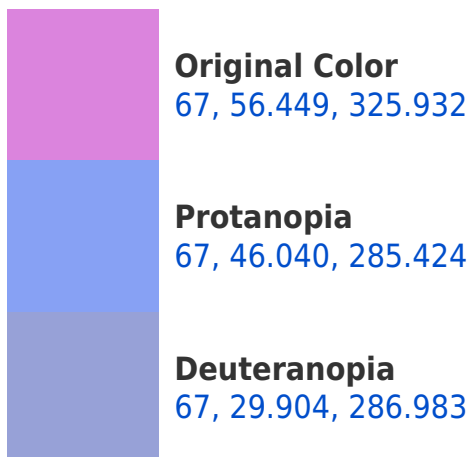


This preview shows how white text looks on a background with the CIELCh color 67, 56.449, 325.932.

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
67, 26.013, 8.789

Trichromacy



Original Color
67, 56.449, 325.932



Protanomaly
66, 47.979, 300.374



Deuteranomaly
67, 38.268, 306.860



Tritanomaly
67, 34.225, 344.534

Monochromacy



Original Color
67, 56.449, 325.932



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 21.061, 324.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 56.449, 325.932 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(219, 132, 221)` looks like.

```
.text, #text, p{  
    color:rgb(219, 132, 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(219, 132, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 132, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 56.449, 325.932 is called "border". The border property can be set on classes, ids or directly on the HTML element.

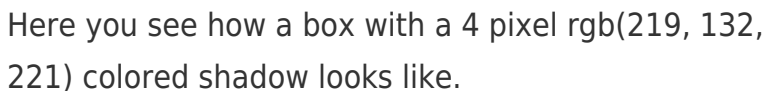
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 132, 221) }
```

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

```
.border{ border-color:rgb(219, 132, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 132, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 132, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 132, 221);  
box-shadow:4px 4px 4px 4px rgb(219, 132,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 56.449, 325.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 132, 221) }
```

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

```
.background{ background-color: rgb(219,  
132, 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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