

Converting Colors

CIELCh(67, 57.450, 326.724)

Have a look what the booklet for
CIELCh(67, 57.450, 326.724)
contains.

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Color

CIELCh(67, 57.940, 326.636)

Conversions

Conversions Part 1

Format	Color
Hex	DD82DD
RGB	221, 130, 221
RGB Percent	87%, 51%, 87%
CMY	0.1327, 0.4896, 0.1327
CMYK	0.00, 0.41, 0.00, 0.13
HSL	300°, 57%, 69%
HSV	300°, 41%, 87%
XYZ	50.9433, 36.6320, 72.9030
YIQ	167.5830, 25.0250, 47.5930

Conversions

Conversions Part 2

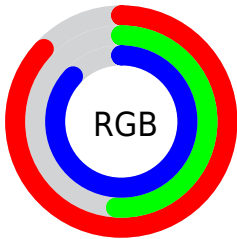
Format	Color
R _{YB}	221, 130, 221
Decimal	14516957
CIE Lab	67.00, 48.39, -31.86
CIE LCh	67, 57.940, 326.636
Yxy	36.6320, 0.3174, 0.2283
Android (android.graphics.Color)	4292707037 (0xFFDD82DD)
YUV	167.5830, 26.3346, 46.8467
Hunter-Lab	60.5244, 44.3256, -29.0491

Details

The CIELCh color $67, 57.940, 326.636$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $81, 58.074, 141.280$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $84, 43.869, 325.944$, and $47, 58.209, 326.474$ is the 20% darker color. If you saturate the color by 10%, you get $63, 70.655, 327.096$, and if you desaturate by 10%, it is $72, 44.282, 326.130$.

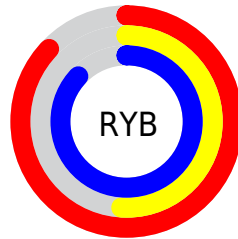
Distribution



Red (87%)

Green (51%)

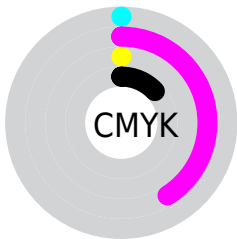
Blue (87%)



Red (87%)

Yellow (51%)

Blue (87%)

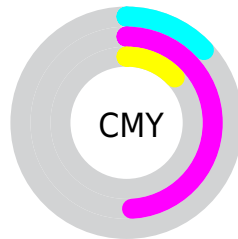


Cyan (0%)

Magenta (41%)

Yellow (0%)

Black (13%)



Cyan (13%)


Magenta (49%)

Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 57.940, 326.636 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, 57.940, 326.636 by changing the saturation by 10% instead.

 67, 57.940,
326.636

 67, 57.940,
326.636


 100, 57.940,
326.636


 57, 57.940,
326.636

 87, 57.940,
326.636

 47, 57.940,
326.636

 97, 57.940,
326.636

 37, 57.940,
326.636

 27, 57.940,
326.636

 17, 57.940,
326.636

 7, 57.940, 326.636

 0, 57.940, 326.636

67, 57.940,
326.636

67, 57.940,
326.636

63, 70.655,
327.096

72, 44.282,
326.130

59, 81.902,
327.493

77, 30.135,
325.593

56, 91.129,
327.811

82, 15.837,
325.037

54, 97.889,
328.039

88, 1.629, 324.336

53, 101.990,
328.175


93, 12.330,
143.990

53, 103.780,
328.235

97, 21.153,
143.642

97, 21.153,
143.643

97, 21.152,
143.644

 97, 21.152,
143.645

Harmonies

Complementary

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



67, 57.940, 326.636



81, 58.074, 141.280

Rectangle

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



67, 57.940, 326.636



67, 57.940, 16.636



67, 57.940, 146.636



67, 57.940, 196.636

Sweetspot

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



67, 57.937, 326.636



93, 19.140, 325.091



58, 51.701, 295.780



48, 12.703, 325.165



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, 57.937, 326.636



73, 76.286, 327.019



65, 41.815, 347.796



43, 8.001, 324.940



41, 86.545, 328.235



7, 34.555, 328.175

Inverse Universe

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



67, 57.937, 326.636



73, 76.286, 327.019



82, 39.840, 159.540



43, 8.001, 324.940



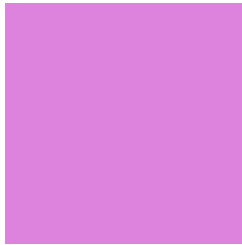
41, 86.545, 328.235



7, 34.555, 328.175

Previews

White Background



This preview shows how the CIELCh color 67, 57.940, 326.636 looks on a white background.

Color Contrast Check

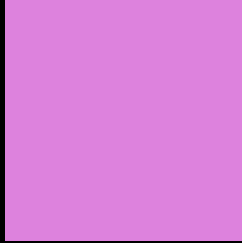
Large Text (above 18pt) WCAG AA × Fail

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, 57.940, 326.636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

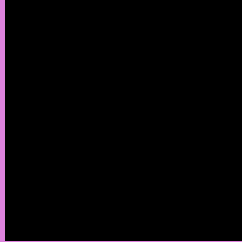
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 57.940, 326.636

Background



This preview shows how black text looks on a background with the CIELCh color 67, 57.940, 326.636.

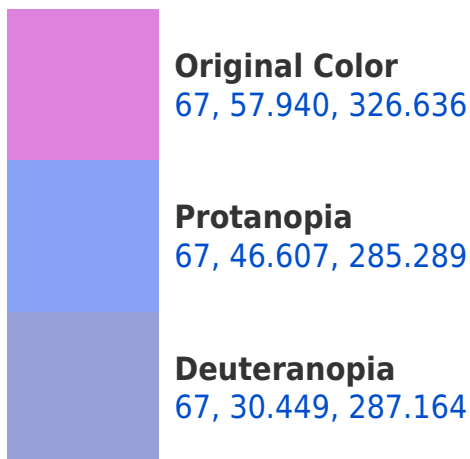


This preview shows how white text looks on a background with the CIELCh color 67, 57.940, 326.636.

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, 28.050, 10.029

Trichromacy



Original Color
67, 57.940, 326.636



Protanomaly
67, 48.004, 300.744



Deuteranomaly
67, 38.866, 307.182

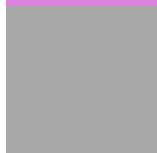


Tritanomaly
67, 36.011, 345.981

Monochromacy



Original Color
67, 57.940, 326.636



Achromatopsia
69, 0.009, 296.813



Achromatomaly
67, 21.925, 325.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 57.940, 326.636 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, 130, 221)` looks like.

```
.text, #text, p{  
    color:rgb(221, 130, 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(221, 130, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 130, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 57.940, 326.636 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, 130, 221) }
```

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

```
.border{ border-color:rgb(221, 130, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 130, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 130, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 130, 221);  
box-shadow:4px 4px 4px 4px rgb(221, 130,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 57.940, 326.636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 130, 221) }
```

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

```
.background{ background-color: rgb(221,  
130, 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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