

Converting Colors

CIELCh(67, 51.646, 326.508)

Have a look what the booklet for
CIELCh(67, 51.646, 326.508)
contains.

CIELCh(67, 51.452, 326.436)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 51.452, 326.436)

Conversions

Conversions Part 1

Format	Color
Hex	D787D7
RGB	215, 135, 215
RGB Percent	84%, 53%, 84%
CMY	0.1573, 0.4710, 0.1573
CMYK	0.00, 0.37, 0.00, 0.16
HSL	300°, 50%, 69%
HSV	300°, 37%, 84%
XYZ	48.8951, 36.6320, 68.7131
YIQ	168.0400, 22.0000, 41.8400

Conversions

Conversions Part 2

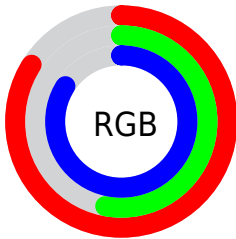
Format	Color
RYB	215, 135, 215
Decimal	14125015
CIELab	67.00, 42.87, -28.45
CIELCh	67, 51.452, 326.436
Yxy	36.6320, 0.3170, 0.2375
Android (android.graphics.Color)	4292315095 (0xFFD787D7)
YUV	168.0400, 23.1513, 41.1839
Hunter-Lab	60.5244, 38.2850, -24.9447

Details

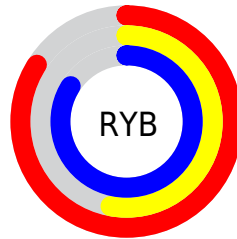
The CIELCh color $67, 51.452, 326.436$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $79, 51.521, 141.675$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 40.756, 325.838$, and $47, 51.416, 326.526$ is the 20% darker color. If you saturate the color by 10%, you get $63, 64.299, 326.916$, and if you desaturate by 10%, it is $72, 37.871, 325.917$.

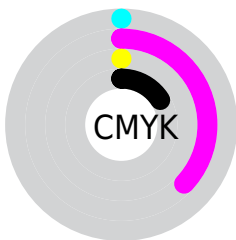
Distribution



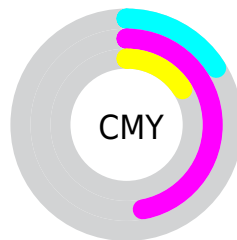
- Red (84%)
- Green (53%)
- Blue (84%)



- Red (84%)
- Yellow (53%)
- Blue (84%)



- Cyan (0%)
- Magenta (37%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 51.452, 326.436 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, 51.452, 326.436 by changing the saturation by 10% instead.


 67, 51.452,
326.436


 67, 51.452,
326.436


 100, 51.452,
326.436


 57, 51.452,
326.436


 87, 51.452,
326.436

 47, 51.452,
326.436

 97, 51.452,
326.436

 37, 51.452,
326.436

 27, 51.452,
326.436

 17, 51.452,
326.436

 7, 51.452, 326.436

 0, 51.452, 326.436

67, 51.452,
326.436

67, 51.452,
326.436

63, 64.299,
326.916

72, 37.871,
325.917

59, 75.930,
327.339

77, 23.957,
325.373

56, 85.802,
327.690

82, 10.000,
324.809

54, 93.424,
327.955

87, 3.799, 144.363

52, 98.488,
328.127

93, 17.313,
143.775

51, 101.064,
328.214

96, 25.101,
143.465

51, 101.566,
328.231

96, 25.101,
143.465

96, 25.100,
143.464

■ 96, 25.100,
143.464

Harmonies

Complementary

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



67, 51.452, 326.436



79, 51.521, 141.675

Rectangle

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



67, 51.452, 326.436



67, 51.452, 16.436



67, 51.452, 146.436



67, 51.452, 196.436

Sweetspot

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



67, 51.450, 326.436



93, 17.537, 325.032



60, 44.481, 294.447



49, 11.791, 325.109



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, 51.450, 326.436



74, 70.638, 326.834



66, 37.370, 346.326



42, 7.847, 324.936



41, 85.606, 328.231



6, 32.951, 328.042

Inverse Universe

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



65, 33.256, 22.884



71, 47.454, 24.248



80, 35.876, 159.179



42, 4.550, 19.927



35, 77.347, 39.897



5, 22.000, 19.766

Previews

White Background



This preview shows how the CIELCh color 67, 51.452, 326.436 looks on a white background.

Color Contrast Check

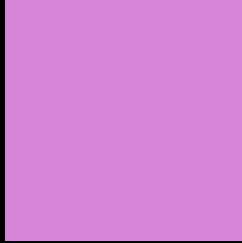
Large Text (above 18pt) WCAG AA × Fail

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, 51.452, 326.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

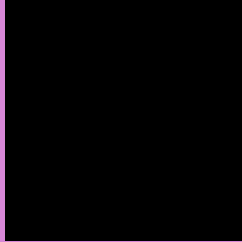
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 51.452, 326.436

Background



This preview shows how black text looks on a background with the CIELCh color 67, 51.452, 326.436.

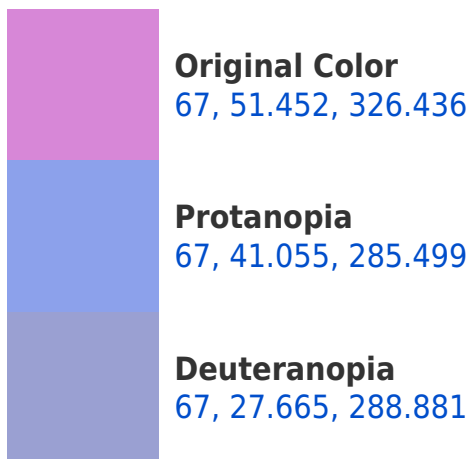


This preview shows how white text looks on a background with the CIELCh color 67, 51.452, 326.436.

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, 24.416, 7.699

Trichromacy



Original Color
67, 51.452, 326.436



Protanomaly
67, 42.469, 300.758



Deuteranomaly
67, 34.982, 307.449



Tritanomaly
67, 31.849, 344.563

Monochromacy



Original Color
67, 51.452, 326.436



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 19.295, 325.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 51.452, 326.436 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(215, 135, 215)` looks like.

```
.text, #text, p{  
    color:rgb(215, 135, 215)  
}
```

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(215, 135, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 135, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 51.452, 326.436 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(215, 135, 215) }
```

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

```
.border{ border-color:rgb(215, 135, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 135, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 135, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 135, 215);  
box-shadow:4px 4px 4px 4px rgb(215, 135,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 51.452, 326.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 135, 215) }
```

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

```
.background{ background-color: rgb(215,  
135, 215) }
```

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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