

Converting Colors

CIELCh(67, 42.423, 354.439)

Have a look what the booklet for
CIELCh(67, 42.423, 354.439)
contains.

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Color

CIELCh(67, 42.423, 354.439)

Conversions

Conversions Part 1

Format	Color
Hex	E785AC
RGB	231, 133, 172
RGB Percent	91%, 52%, 67%
CMY	0.0951, 0.4793, 0.3264
CMYK	0.00, 0.42, 0.26, 0.10
HSL	336°, 67%, 71%
HSV	336°, 42%, 90%
XYZ	48.6575, 36.6320, 43.4232
YIQ	166.7480, 45.8890, 32.9050

Conversions

Conversions Part 2

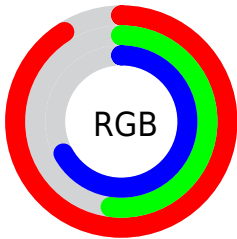
Format	Color
R_{YB}	231, 133, 172
Decimal	15173036
CIE _{Lab}	67.00, 42.22, -4.11
CIE _{LCh}	67, 42.423, 354.439
Yxy	36.6320, 0.3780, 0.2846
Android (android.graphics.Color)	4293363116 (0xFFE785AC)
YUV	166.7480, 2.5892, 56.3490
Hunter-Lab	60.5244, 37.5843, -0.1705

Details

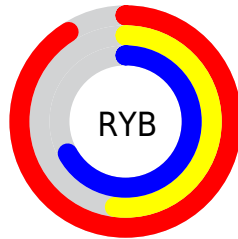
The CIELCh color $67, 42.423, 354.439$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $85, 39.001, 165.075$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 31.566, 341.670$, and $47, 42.170, 354.361$ is the 20% darker color. If you saturate the color by 10%, you get $62, 52.030, 356.193$, and if you desaturate by 10%, it is $72, 32.356, 352.984$.

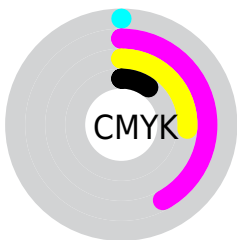
Distribution



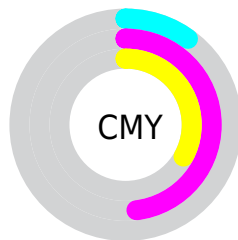
- Red (91%)
- Green (52%)
- Blue (67%)



- Red (91%)
- Yellow (52%)
- Blue (67%)



- Cyan (0%)
- Magenta (42%)
- Yellow (26%)
- Black (10%)





- Cyan (10%)
- Magenta (48%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 42.423, 354.439 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, 42.423, 354.439 by changing the saturation by 10% instead.

 67, 42.423,
354.439


 67, 42.423,
354.439

 100, 42.423,
354.439

 57, 42.423,
354.439

 87, 42.423,
354.439

 47, 42.423,
354.439

 97, 42.423,
354.439

 37, 42.423,
354.439

 27, 42.423,
354.439

 17, 42.423,
354.439

 7, 42.423, 354.439

 0, 42.423, 354.439

67, 42.423,
354.439

67, 42.423,
354.439

62, 52.030,
356.193

72, 32.356,
352.984

58, 60.729,
358.354

78, 22.185,
351.744

54, 68.008, 1.073

84, 12.139,
350.656

52, 73.456, 4.530

90, 2.359, 349.546

50, 76.982, 8.888

96, 7.082, 168.983

49, 78.798, 12.694

98, 8.270, 198.963

Harmonies

Complementary

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



67, 42.423, 354.439



85, 39.001, 165.075

Rectangle

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



67, 42.423, 354.439



67, 42.423, 44.439



67, 42.423, 174.439



67, 42.423, 224.439

Sweetspot

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



67, 42.420, 354.441



91, 13.750, 350.720



65, 57.482, 314.390



47, 9.653, 350.952



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, 42.420, 354.441



69, 54.934, 355.968



68, 37.702, 30.964



45, 5.485, 350.348



38, 64.899, 11.718



7, 26.902, 2.425

Inverse Universe

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



67, 42.420, 354.441



69, 54.934, 355.968



83, 27.364, 208.645



45, 5.485, 350.348



38, 64.899, 11.718



7, 26.902, 2.425

Previews

White Background



This preview shows how the CIELCh color 67, 42.423, 354.439 looks on a white background.

Color Contrast Check

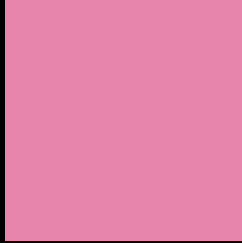
Large Text (above 18pt) WCAG AA × Fail

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, 42.423, 354.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

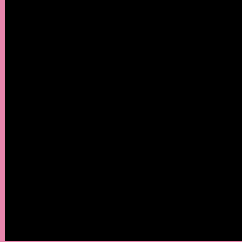
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 42.423, 354.439

Background



This preview shows how black text looks on a background with the CIELCh color 67, 42.423, 354.439.



This preview shows how white text looks on a background with the CIELCh color 67, 42.423, 354.439.

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
67, 42.423, 354.439

Protanopia
67, 15.508, 286.568

Deuteranopia
67, 8.814, 345.963



Tritanopia
67, 37.127, 15.075

Trichromacy



Original Color
67, 42.423, 354.439



Protanomaly
66, 21.547, 326.234



Deuteranomaly
67, 21.424, 350.764



Tritanomaly
67, 38.630, 6.670

Monochromacy



Original Color
67, 42.423, 354.439



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 15.473, 351.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 42.423, 354.439 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(231, 133, 172)` looks like.

```
.text, #text, p{  
    color:rgb(231, 133, 172)  
}
```

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(231, 133, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 133, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 42.423, 354.439 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(231, 133, 172) }
```

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

```
.border{ border-color:rgb(231, 133, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 133, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 133, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 133, 172);  
box-shadow:4px 4px 4px 4px rgb(231, 133,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 42.423, 354.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 133, 172) }
```

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

```
.background{ background-color: rgb(231,  
133, 172) }
```

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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