

Converting Colors

CIELCh(67, 43.870, 355.651)

Have a look what the booklet for
CIELCh(67, 43.870, 355.651)
contains.

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Color

CIELCh(67, 43.783, 355.716)

Conversions

Conversions Part 1

Format	Color
Hex	E983AA
RGB	233, 131, 170
RGB Percent	91%, 51%, 67%
CMY	0.0848, 0.4849, 0.3319
CMYK	0.00, 0.44, 0.27, 0.08
HSL	337°, 70%, 72%
HSV	337°, 44%, 92%
XYZ	49.1839, 36.6320, 42.6837
YIQ	165.9440, 48.2730, 33.7530

Conversions

Conversions Part 2

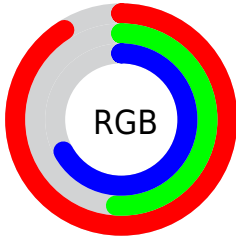
Format	Color
R _Y B	233, 131, 170
Decimal	15303594
CIE Lab	67.00, 43.66, -3.27
CIE LCh	67, 43.783, 355.716
Yxy	36.6320, 0.3828, 0.2851
Android (android.graphics.Color)	4293493674 (0xFFE983AA)
YUV	165.9440, 1.9996, 58.8081
Hunter-Lab	60.5244, 39.1369, 0.5538

Details

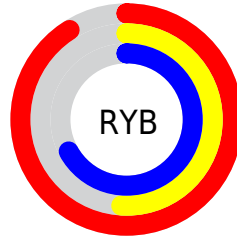
The CIELCh color $67, 43.783, 355.716$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $86, 39.895, 165.878$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 32.159, 342.611$, and $47, 44.012, 355.582$ is the 20% darker color. If you saturate the color by 10%, you get $62, 53.383, 357.561$, and if you desaturate by 10%, it is $72, 33.694, 354.196$.

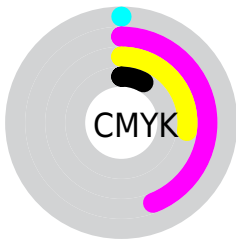
Distribution



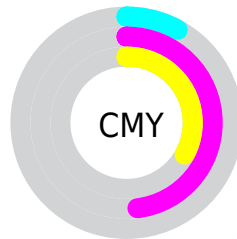
- Red (91%)
- Green (51%)
- Blue (67%)



- Red (91%)
- Yellow (51%)
- Blue (67%)



- Cyan (0%)
- Magenta (44%)
- Yellow (27%)
- Black (8%)





- Cyan (8%)
- Magenta (48%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 43.783, 355.716 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, 43.783, 355.716 by changing the saturation by 10% instead.


 67, 43.783,
355.716


 67, 43.783,
355.716


 100, 43.783,
355.716


 57, 43.783,
355.716


 87, 43.783,
355.716

 47, 43.783,
355.716

 97, 43.783,
355.716

 37, 43.783,
355.716

 27, 43.783,
355.716

 17, 43.783,
355.716

 7, 43.783, 355.716

 0, 43.783, 355.716

67, 43.783,
355.716

67, 43.783,
355.716

62, 53.383,
357.561

72, 33.694,
354.196

58, 62.036,
359.848

78, 23.484,
352.907

54, 69.236, 2.737

84, 13.394,
351.787

52, 74.608, 6.411

90, 3.572, 350.716

50, 78.131, 11.015

96, 5.905, 170.081

50, 79.787, 14.281

98, 7.391, 199.027

Harmonies

Complementary

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



67, 43.783, 355.716



86, 39.895, 165.878

Rectangle

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



67, 43.783, 355.716



67, 43.783, 45.716



67, 43.783, 175.716



67, 43.783, 225.716

Sweetspot

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



67, 43.780, 355.718



91, 13.625, 351.718



65, 59.884, 314.973



47, 9.567, 351.954



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, 43.780, 355.718



68, 55.627, 357.267



69, 38.882, 32.425



46, 5.532, 351.344



38, 65.806, 13.307



7, 27.902, 4.121

Inverse Universe

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



67, 43.780, 355.718



68, 55.627, 357.267



83, 27.878, 210.795



46, 5.532, 351.344



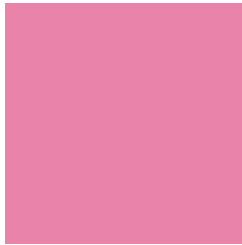
38, 65.806, 13.307



7, 27.902, 4.121

Previews

White Background



This preview shows how the CIELCh color 67, 43.783, 355.716 looks on a white background.

Color Contrast Check

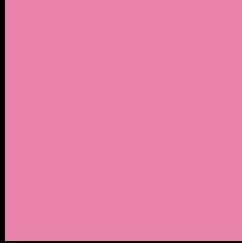
Large Text (above 18pt) WCAG AA × Fail

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, 43.783, 355.716 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, 43.783, 355.716

Background



This preview shows how black text looks on a background with the CIELCh color 67, 43.783, 355.716.

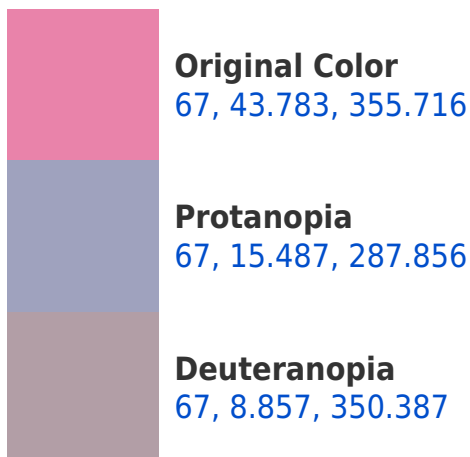


This preview shows how white text looks on a background with the CIELCh color 67, 43.783, 355.716.

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, 38.788, 15.652

Trichromacy



Original Color
67, 43.783, 355.716



Protanomaly
67, 21.965, 327.904



Deuteranomaly
67, 22.115, 351.918



Tritanomaly
67, 40.183, 7.583

Monochromacy



Original Color
67, 43.783, 355.716



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 16.767, 351.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 43.783, 355.716 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(233, 131, 170)` looks like.

```
.text, #text, p{  
    color:rgb(233, 131, 170)  
}
```

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(233, 131, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 131, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 43.783, 355.716 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(233, 131, 170) }
```

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

```
.border{ border-color:rgb(233, 131, 170) }
```

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

Here you see how a box with a 4 pixel rgb(233, 131, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 131, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 131, 170);  
box-shadow:4px 4px 4px 4px rgb(233, 131,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 43.783, 355.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 131, 170) }
```

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

```
.background{ background-color: rgb(233,  
131, 170) }
```

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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