

Converting Colors

CIELCh(68, 43.488, 338.647)

Have a look what the booklet for
CIELCh(68, 43.488, 338.647)
contains.

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Color

CIELCh(68, 43.656, 338.858)

Conversions

Conversions Part 1

Format	Color
Hex	E08AC3
RGB	224, 138, 195
RGB Percent	88%, 54%, 76%
CMY	0.1215, 0.4587, 0.2352
CMYK	0.00, 0.38, 0.13, 0.12
HSL	320°, 58%, 71%
HSV	320°, 38%, 88%
XYZ	49.6882, 37.9720, 56.3497
YIQ	170.2120, 32.9590, 35.9590

Conversions

Conversions Part 2

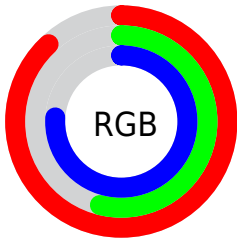
Format	Color
RYB	224, 138, 195
Decimal	14715587
CIELab	68.00, 40.72, -15.75
CIELCh	68, 43.656, 338.858
Yxy	37.9720, 0.3450, 0.2637
Android (android.graphics.Color)	4292905667 (0xFFE08AC3)
YUV	170.2120, 12.2205, 47.1721
Hunter-Lab	61.6215, 36.0951, -11.0827

Details

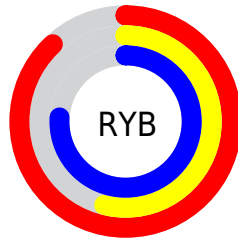
The CIELCh color $68, 43.656, 338.858$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $83, 42.976, 152.421$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 37.634, 327.133$, and $48, 43.376, 338.960$ is the 20% darker color. If you saturate the color by 10%, you get $63, 54.299, 339.829$, and if you desaturate by 10%, it is $73, 32.413, 337.976$.

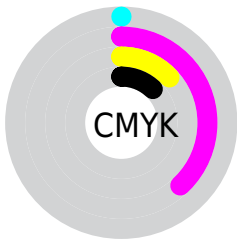
Distribution



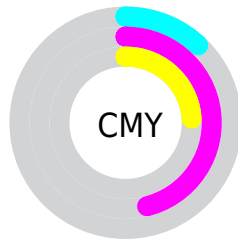
- Red (88%)
- Green (54%)
- Blue (76%)



- Red (88%)
- Yellow (54%)
- Blue (76%)



- Cyan (0%)
- Magenta (38%)
- Yellow (13%)
- Black (12%)



- Cyan (12%)
- Magenta (46%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 43.656, 338.858 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 68, 43.656, 338.858 by changing the saturation by 10% instead.


 68, 43.656,
338.858

 68, 43.656,
338.858


 100, 43.656,
338.858


 58, 43.656,
338.858


 88, 43.656,
338.858

 48, 43.656,
338.858

 98, 43.656,
338.858

 38, 43.656,
338.858

 28, 43.656,
338.858

 18, 43.656,
338.858

 8, 43.656, 338.858

 0, 43.656, 338.858

68, 43.656,
338.858

68, 43.656,
338.858

63, 54.299,
339.829

73, 32.413,
337.976

59, 63.873,
340.919

79, 20.940,
337.159

55, 71.813,
342.173

84, 9.485, 336.385

53, 77.573,
343.661

90, 1.793, 155.936

96, 12.799,
155.095

51, 80.789,
345.469

98, 13.207,
164.104

50, 81.590,
347.677

98, 11.294,
179.980

49, 81.634,
348.053

98, 10.494,
198.806

Harmonies

Complementary

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



68, 43.656, 338.858



83, 42.976, 152.421

Rectangle

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



68, 43.656, 338.858



68, 43.656, 28.858



68, 43.656, 158.858



68, 43.656, 208.858

Sweetspot

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



68, 43.653, 338.859



92, 15.117, 336.669



63, 49.096, 305.626



48, 10.037, 336.770



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 43.653, 338.859



72, 57.547, 339.621



67, 35.105, 10.472



44, 6.435, 336.466



39, 68.368, 347.627



7, 28.711, 343.597

Inverse Universe

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



68, 43.653, 338.859



72, 57.547, 339.621



84, 29.273, 182.319



44, 6.435, 336.466



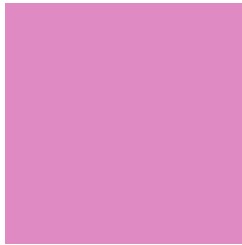
39, 68.368, 347.627



7, 28.711, 343.597

Previews

White Background



This preview shows how the CIELCh color 68, 43.656, 338.858 looks on a white background.

Color Contrast Check

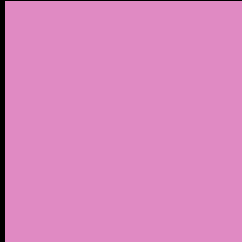
Large Text (above 18pt) WCAG AA × Fail

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 68, 43.656, 338.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

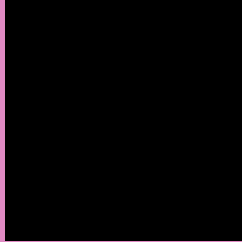
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 43.656, 338.858

Background



This preview shows how black text looks on a background with the CIELCh color 68, 43.656, 338.858.



This preview shows how white text looks on a background with the CIELCh color 68, 43.656, 338.858.

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
68, 30.393, 11.276

Trichromacy



Original Color
68, 43.656, 338.858



Protanomaly
68, 29.502, 309.257



Deuteranomaly
68, 25.418, 324.091

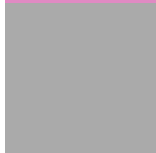


Tritanomaly
68, 33.799, 356.337

Monochromacy



Original Color
68, 43.656, 338.858



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 16.684, 337.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 43.656, 338.858 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(224, 138, 195)` looks like.

```
.text, #text, p{  
    color:rgb(224, 138, 195)  
}
```

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(224, 138, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 138, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 43.656, 338.858 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(224, 138, 195) }
```

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

```
.border{ border-color:rgb(224, 138, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 138, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 138, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 138, 195);  
box-shadow:4px 4px 4px 4px rgb(224, 138,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 43.656, 338.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 138, 195) }
```

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

```
.background{ background-color: rgb(224,  
138, 195) }
```

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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