

Converting Colors

CIELCh(69, 46.787, 332.674)

Have a look what the booklet for
CIELCh(69, 46.787, 332.674)
contains.

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Color

CIELCh(69, 46.498, 332.676)

Conversions

Conversions Part 1

Format	Color
Hex	E08DD0
RGB	224, 141, 208
RGB Percent	88%, 55%, 82%
CMY	0.1224, 0.4478, 0.1852
CMYK	0.00, 0.37, 0.07, 0.12
HSL	312°, 57%, 71%
HSV	312°, 37%, 88%
XYZ	51.5248, 39.3444, 64.4148
YIQ	173.4550, 27.9610, 38.4330

Conversions

Conversions Part 2

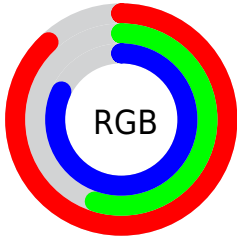
Format	Color
R_{YB}	224, 141, 208
Decimal	14716368
CIE _{Lab}	69.00, 41.31, -21.34
CIE _{LCh}	69, 46.498, 332.676
Yxy	39.3444, 0.3318, 0.2534
Android (android.graphics.Color)	4292906448 (0xFFE08DD0)
YUV	173.4550, 17.0307, 44.3280
Hunter-Lab	62.7251, 36.8578, -16.9796

Details

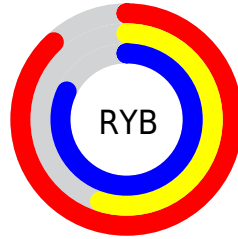
The CIELCh color $69, 46.498, 332.676$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $83, 46.354, 147.286$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 37.005, 325.710$, and $49, 46.036, 332.777$ is the 20% darker color. If you saturate the color by 10%, you get $64, 58.217, 333.377$, and if you desaturate by 10%, it is $74, 34.131, 331.995$.

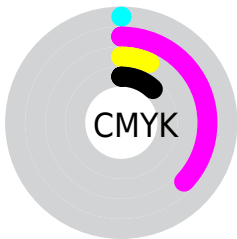
Distribution



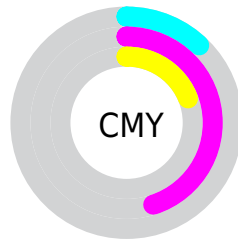
- Red (88%)
- Green (55%)
- Blue (82%)



- Red (88%)
- Yellow (55%)
- Blue (82%)



- Cyan (0%)
- Magenta (37%)
- Yellow (7%)
- Black (12%)




- Cyan (12%)
- Magenta (45%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 46.498, 332.676 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 69, 46.498, 332.676 by changing the saturation by 10% instead.

 69, 46.498,
332.676


 69, 46.498,
332.676


 100, 46.498,
332.676


 59, 46.498,
332.676

 89, 46.498,
332.676

 49, 46.498,
332.676

 99, 46.498,
332.676

 39, 46.498,
332.676

 29, 46.498,
332.676

 19, 46.498,
332.676

 9, 46.498, 332.676

 0, 46.498, 332.676

69, 46.498,
332.676

69, 46.498,
332.676

64, 58.217,
333.377

74, 34.131,
331.995

60, 68.811,
334.100

79, 21.498,
331.332

57, 77.713,
334.855

85, 8.861, 330.675

54, 84.374,
335.662

91, 3.606, 150.194

52, 88.412,
336.549

97, 15.798,
149.539

51, 89.826,
337.553

97, 15.554,
154.091

51, 89.988,
337.861

97, 14.032,
160.311

98, 12.701,
167.903

■ 98, 11.629,
177.047

Harmonies

Complementary

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



69, 46.498, 332.676



83, 46.354, 147.286

Rectangle

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



69, 46.498, 332.676



69, 46.498, 22.676



69, 46.498, 152.676



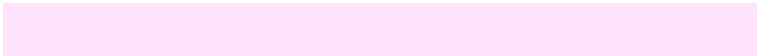
69, 46.498, 202.676

Sweetspot

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



69, 46.495, 332.676



93, 15.345, 330.939



63, 46.825, 300.718



49, 10.319, 331.029



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 46.495, 332.676



74, 60.784, 333.181



68, 34.941, 359.169



44, 7.133, 330.832



40, 75.364, 337.676



7, 31.533, 335.851

Inverse Universe

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



69, 46.495, 332.676



74, 60.784, 333.181



83, 31.480, 171.015



44, 7.133, 330.832



40, 75.364, 337.676



7, 31.533, 335.851

Previews

White Background



This preview shows how the CIELCh color 69, 46.498, 332.676 looks on a white background.

Color Contrast Check

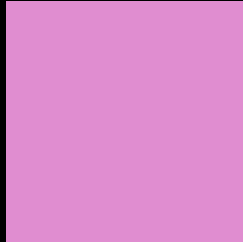
Large Text (above 18pt) WCAG AA × Fail

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 69, 46.498, 332.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

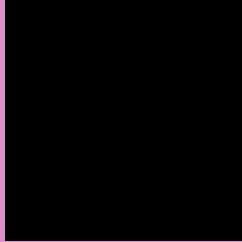
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 46.498, 332.676

Background



This preview shows how black text looks on a background with the CIELCh color 69, 46.498, 332.676.



This preview shows how white text looks on a background with the CIELCh color 69, 46.498, 332.676.

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
69, 27.457, 9.676

Trichromacy



Original Color
69, 46.498, 332.676



Protanomaly
69, 35.012, 305.023



Deuteranomaly
69, 29.336, 315.246

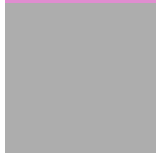


Tritanomaly
69, 32.263, 351.363

Monochromacy



Original Color
69, 46.498, 332.676



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 17.691, 330.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 46.498, 332.676 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, 141, 208)` looks like.

```
.text, #text, p{  
    color:rgb(224, 141, 208)  
}
```

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, 141, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 141, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 46.498, 332.676 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, 141, 208) }
```

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

```
.border{ border-color:rgb(224, 141, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 141, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 141, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 141, 208);  
box-shadow:4px 4px 4px 4px rgb(224, 141,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 46.498, 332.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 141, 208) }
```

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

```
.background{ background-color: rgb(224,  
141, 208) }
```

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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