

Converting Colors

CIELCh(69, 48.326, 333.689)

Have a look what the booklet for
CIELCh(69, 48.326, 333.689)
contains.

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Color

CIELCh(69, 48.324, 333.686)

Conversions

Conversions Part 1

Format	Color
Hex	E38BD0
RGB	227, 139, 208
RGB Percent	89%, 55%, 82%
CMY	0.1098, 0.4549, 0.1844
CMYK	0.00, 0.39, 0.08, 0.11
HSL	313°, 61%, 72%
HSV	313°, 39%, 89%
XYZ	52.2893, 39.3444, 64.5046
YIQ	173.1780, 30.2990, 40.1150

Conversions

Conversions Part 2

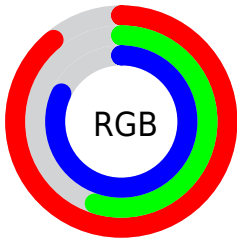
Format	Color
R _Y B	227, 139, 208
Decimal	14912464
CIE Lab	69.00, 43.32, -21.42
CIE LCh	69, 48.324, 333.686
Yxy	39.3444, 0.3349, 0.2520
Android (android.graphics.Color)	4293102544 (0xFFE38BD0)
YUV	173.1780, 17.1672, 47.2019
Hunter-Lab	62.7251, 39.0335, -17.0645

Details

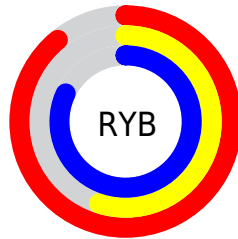
The CIELCh color $69, 48.324, 333.686$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $83, 48.127, 147.879$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 38.257, 325.753$, and $49, 48.404, 333.860$ is the 20% darker color. If you saturate the color by 10%, you get $64, 59.851, 334.428$, and if you desaturate by 10%, it is $74, 36.080, 332.974$.

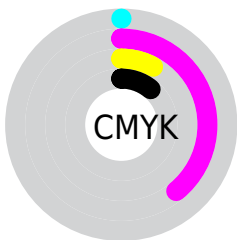
Distribution



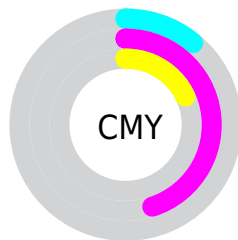
- Red (89%)
- Green (55%)
- Blue (82%)



- Red (89%)
- Yellow (55%)
- Blue (82%)



- Cyan (0%)
- Magenta (39%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 48.324, 333.686 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, 48.324, 333.686 by changing the saturation by 10% instead.

 69, 48.324,
333.686

 69, 48.324,
333.686

 100, 48.324,
333.686

 59, 48.324,
333.686

 89, 48.324,
333.686

 49, 48.324,
333.686

 99, 48.324,
333.686

 39, 48.324,
333.686

 29, 48.324,
333.686

 19, 48.324,
333.686

 9, 48.324, 333.686

 0, 48.324, 333.686

69, 48.324,
333.686

69, 48.324,
333.686

64, 59.851,
334.428

74, 36.080,
332.974

60, 70.162,
335.208

80, 23.522,
332.286

57, 78.678,
336.041

85, 10.929,
331.613

54, 84.855,
336.953

91, 1.514, 151.245

52, 88.350,
337.985

97, 13.693,
150.444

51, 89.330,
339.172

98, 13.388,
156.524

51, 89.384,
339.323

98, 11.775,
165.313

98, 10.503,
176.497

Harmonies

Complementary

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



69, 48.324, 333.686



83, 48.127, 147.879

Rectangle

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



69, 48.324, 333.686



69, 48.324, 23.686



69, 48.324, 153.686



69, 48.324, 203.686

Sweetspot

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



69, 48.321, 333.686



92, 16.477, 331.836



63, 49.719, 301.437



48, 10.938, 331.924



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, 48.321, 333.686



72, 63.580, 334.318



68, 36.800, 0.634



45, 7.148, 331.660



40, 74.868, 339.109



8, 32.188, 337.092

Inverse Universe

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



69, 48.321, 333.686



72, 63.580, 334.318



84, 32.748, 171.965



45, 7.148, 331.660



40, 74.868, 339.109



8, 32.188, 337.092

Previews

White Background



This preview shows how the CIELCh color 69, 48.324, 333.686 looks on a white background.

Color Contrast Check

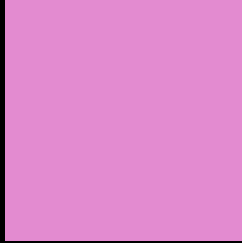
Large Text (above 18pt) WCAG AA × Fail

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, 48.324, 333.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

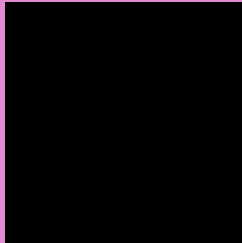
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 48.324, 333.686

Background



This preview shows how black text looks on a background with the CIELCh color 69, 48.324, 333.686.



This preview shows how white text looks on a background with the CIELCh color 69, 48.324, 333.686.

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
69, 48.324, 333.686

Protanopia
69, 33.671, 284.917

Deuteranopia
69, 20.947, 295.082



Tritanopia
69, 29.065, 10.575

Trichromacy



Original Color
69, 48.324, 333.686



Protanomaly
69, 36.139, 305.241



Deuteranomaly
69, 29.466, 315.901

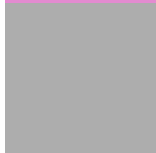


Tritanomaly
69, 34.160, 352.525

Monochromacy



Original Color
69, 48.324, 333.686



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 18.163, 332.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 48.324, 333.686 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(227, 139, 208)` looks like.

```
.text, #text, p{  
    color:rgb(227, 139, 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(227, 139, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 139, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 48.324, 333.686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

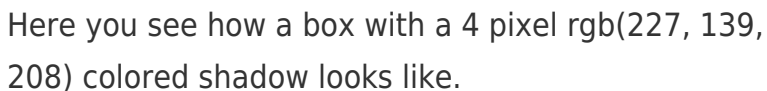
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 139, 208) }
```

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

```
.border{ border-color:rgb(227, 139, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 139, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 139, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 139, 208); box-shadow:4px 4px 4px 4px rgb(227, 139, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 48.324, 333.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 139, 208) }
```

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

```
.background{ background-color: rgb(227,  
139, 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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