

Converting Colors

CIELCh(66, 69.363, 323.993)

Have a look what the booklet for
CIELCh(66, 69.363, 323.993)
contains.

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Color

CIELCh(66, 69.033, 324.035)

Conversions

Conversions Part 1

Format	Color
Hex	DF79EA
RGB	223, 121, 234
RGB Percent	87%, 47%, 92%
CMY	0.1253, 0.5253, 0.0822
CMYK	0.05, 0.48, 0.00, 0.08
HSL	294°, 73%, 70%
HSV	294°, 48%, 92%
XYZ	52.1463, 35.3238, 81.9453
YIQ	164.3800, 24.5190, 56.7670

Conversions

Conversions Part 2

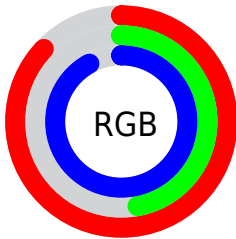
Format	Color
R _{YB}	223, 121, 234
Decimal	14645738
CIE _{Lab}	66.00, 55.87, -40.54
CIE _{LCh}	66, 69.033, 324.035
Yxy	35.3238, 0.3078, 0.2085
Android (android.graphics.Color)	4292835818 (0xFFDF79EA)
YUV	164.3800, 34.3227, 51.4097
Hunter-Lab	59.4338, 52.6038, -40.1433

Details

The CIELCh color **66, 69.033, 324.035** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **85, 68.668, 138.461**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 49.432, 326.132**, and **46, 69.092, 324.116** is the 20% darker color. If you saturate the color by 10%, you get **62, 81.487, 324.372**, and if you desaturate by 10%, it is **71, 55.390, 323.623**.

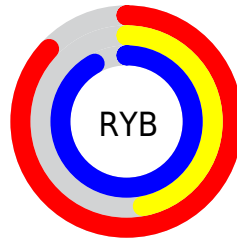
Distribution



Red (87%)

Green (47%)

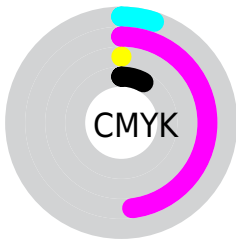
Blue (92%)



Red (87%)

Yellow (47%)

Blue (92%)

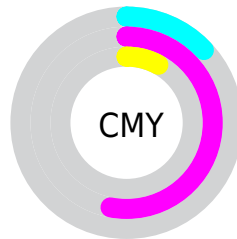


Cyan (5%)

Magenta (48%)

Yellow (0%)

Black (8%)



Cyan (13%)


Magenta (53%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 69.033, 324.035 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 66, 69.033, 324.035 by changing the saturation by 10% instead.


 66, 69.033,
324.035


 66, 69.033,
324.035


 100, 69.033,
324.035


 56, 69.033,
324.035


 86, 69.033,
324.035


 46, 69.033,
324.035

 96, 69.033,
324.035

 36, 69.033,
324.035

 26, 69.033,
324.035

 16, 69.033,
324.035

 6, 69.033, 324.035

 0, 69.033, 324.035

66, 69.033,
324.035

66, 69.033,
324.035

62, 81.487,
324.372

71, 55.390,
323.623

58, 92.156,
324.606

76, 41.082,
323.163

55, 100.441,
324.707

82, 26.503,
322.676

53, 105.928,
324.654

88, 11.933,
322.172

52, 108.674,
324.444

94, 2.443, 141.816

52, 109.024,
324.402

98, 12.534,
140.547

98, 12.124,
137.372

99, 11.753,
133.968

■ 99, 11.426,
130.337

Harmonies

Complementary

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



66, 69.033, 324.035



85, 68.668, 138.461

Rectangle

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



66, 69.033, 324.035



66, 69.033, 14.035



66, 69.033, 144.035



66, 69.033, 194.035

Sweetspot

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



66, 69.031, 324.035



91, 21.712, 322.466



59, 57.551, 293.291



47, 15.007, 322.574



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 69.031, 324.035



67, 86.937, 324.372



66, 53.984, 343.057



46, 8.209, 322.233



40, 89.941, 324.463



8, 38.465, 325.002

Inverse Universe

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



64, 46.778, 17.691



64, 61.167, 20.157



85, 52.598, 153.818



46, 4.936, 12.088



38, 76.746, 35.915



7, 28.162, 18.737

Previews

White Background



This preview shows how the CIELCh color 66, 69.033, 324.035 looks on a white background.

Color Contrast Check

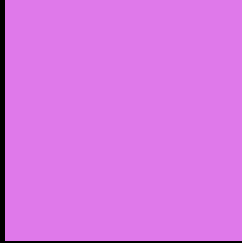
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 69.033, 324.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

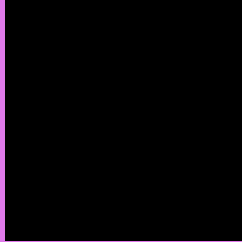
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 69.033, 324.035

Background



This preview shows how black text looks on a background with the CIELCh color 66, 69.033, 324.035.



This preview shows how white text looks on a background with the CIELCh color 66, 69.033, 324.035.

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
66, 28.915, 11.615

Trichromacy



Original Color
66, 69.033, 324.035



Protanomaly
65, 56.883, 299.853



Deuteranomaly
65, 47.954, 303.494



Tritanomaly
66, 39.585, 343.291

Monochromacy



Original Color
66, 69.033, 324.035



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 26.465, 322.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 69.033, 324.035 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(223, 121, 234)` looks like.

```
.text, #text, p{  
    color:rgb(223, 121, 234)  
}
```

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(223, 121, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 121, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 69.033, 324.035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

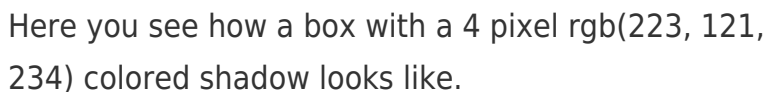
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 121, 234) }
```

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

```
.border{ border-color:rgb(223, 121, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(223, 121, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 121, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 121, 234);  
box-shadow:4px 4px 4px 4px rgb(223, 121,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 69.033, 324.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 121, 234) }
```

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

```
.background{ background-color: rgb(223,  
121, 234) }
```

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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