

Converting Colors

CIELCh(68, 63.915, 323.990)

Have a look what the booklet for
CIELCh(68, 63.915, 323.990)
contains.

CIELCh(68, 64.031, 324.211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(68, 64.031, 324.211)

Conversions

Conversions Part 1

Format	Color
Hex	E182EA
RGB	225, 130, 234
RGB Percent	88%, 51%, 92%
CMY	0.1171, 0.4897, 0.0819
CMYK	0.04, 0.44, 0.00, 0.08
HSL	295°, 71%, 71%
HSV	295°, 44%, 92%
XYZ	53.9584, 37.9720, 82.4209
YIQ	170.2610, 23.2360, 52.4840

Conversions

Conversions Part 2

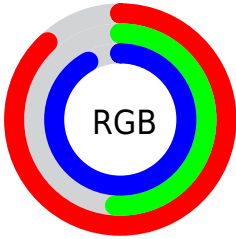
Format	Color
R _Y B	225, 130, 234
Decimal	14779114
CIE _{Lab}	68.00, 51.94, -37.45
CIE _{LCh}	68, 64.031, 324.211
Yxy	37.9720, 0.3095, 0.2178
Android (android.graphics.Color)	4292969194 (0xFFE182EA)
YUV	170.2610, 31.4233, 48.0061
Hunter-Lab	61.6215, 48.4647, -36.1675

Details

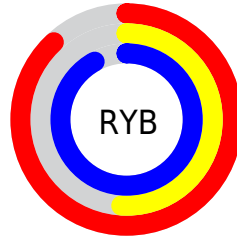
The CIELCh color **68, 64.031, 324.211** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **85, 63.730, 139.046**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 43.869, 325.944**, and **48, 63.927, 324.243** is the 20% darker color. If you saturate the color by 10%, you get **63, 76.998, 324.587**, and if you desaturate by 10%, it is **73, 50.065, 323.772**.

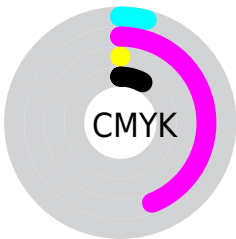
Distribution



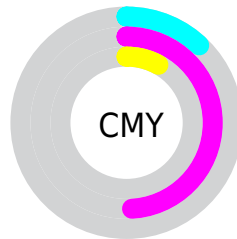
- Red (88%)
- Green (51%)
- Blue (92%)



- Red (88%)
- Yellow (51%)
- Blue (92%)



- Cyan (4%)
- Magenta (44%)
- Yellow (0%)
- Black (8%)





- Cyan (12%)
- Magenta (49%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 64.031, 324.211 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, 64.031, 324.211 by changing the saturation by 10% instead.


 68, 64.031,
324.211


 68, 64.031,
324.211


 100, 64.031,
324.211


 58, 64.031,
324.211


 88, 64.031,
324.211

 48, 64.031,
324.211

 98, 64.031,
324.211

 38, 64.031,
324.211

 28, 64.031,
324.211

 18, 64.031,
324.211

 8, 64.031, 324.211

 0, 64.031, 324.211

68, 64.031,
324.211

68, 64.031,
324.211

63, 76.998,
324.587

73, 50.065,
323.772

59, 88.394,
324.873

78, 35.584,
323.294

56, 97.609,
325.040

84, 20.940,
322.795

54, 104.145,
325.067

90, 6.379, 322.269

96, 7.941, 141.857

53, 107.817,
324.939

98, 12.394,
139.875

52, 108.942,
324.818

98, 12.034,
137.008

99, 11.707,
133.957

■ 99, 11.415,
130.727

Harmonies

Complementary

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



68, 64.031, 324.211



85, 63.730, 139.046

Rectangle

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



68, 64.031, 324.211



68, 64.031, 14.211



68, 64.031, 144.211



68, 64.031, 194.211

Sweetspot

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



68, 64.029, 324.211



92, 20.213, 322.726



61, 52.560, 292.471



48, 14.162, 322.838



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, 64.029, 324.211



69, 80.585, 324.547



68, 49.975, 342.609



46, 8.236, 322.542



40, 89.853, 324.873



8, 38.436, 325.355

Inverse Universe

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



66, 42.771, 17.705



67, 55.660, 19.649



85, 48.683, 154.326



46, 4.928, 12.954



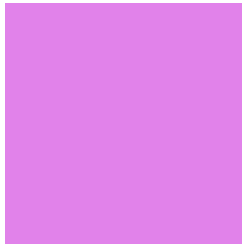
38, 77.231, 36.446



7, 28.197, 19.184

Previews

White Background



This preview shows how the CIELCh color 68, 64.031, 324.211 looks on a white background.

Color Contrast Check

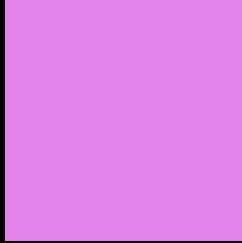
Large Text (above 18pt) WCAG AA × Fail

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, 64.031, 324.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

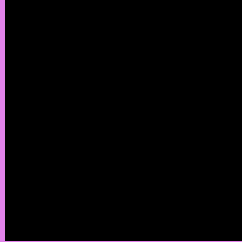
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 64.031, 324.211

Background



This preview shows how black text looks on a background with the CIELCh color 68, 64.031, 324.211.



This preview shows how white text looks on a background with the CIELCh color 68, 64.031, 324.211.

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, 27.555, 9.737

Trichromacy



Original Color
68, 64.031, 324.211



Protanomaly
67, 53.337, 300.434



Deuteranomaly
67, 43.864, 304.010



Tritanomaly
68, 37.685, 342.845

Monochromacy



Original Color
68, 64.031, 324.211



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 24.545, 323.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 64.031, 324.211 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(225, 130, 234)` looks like.

```
.text, #text, p{  
    color:rgb(225, 130, 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(225, 130, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 130, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 64.031, 324.211 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(225, 130, 234) }
```

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

```
.border{ border-color:rgb(225, 130, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 130, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 130, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 130, 234);  
box-shadow:4px 4px 4px 4px rgb(225, 130,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 64.031, 324.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 130, 234) }
```

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

```
.background{ background-color: rgb(225,  
130, 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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