

Converting Colors

CIELCh(68, 57.997, 327.253)

Have a look what the booklet for
CIELCh(68, 57.997, 327.253)
contains.

CIELCh(68, 58.161, 327.260)	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, 58.161, 327.260)

Conversions

Conversions Part 1

Format	Color
Hex	E184DF
RGB	225, 132, 223
RGB Percent	88%, 52%, 87%
CMY	0.1165, 0.4813, 0.1244
CMYK	0.00, 0.41, 0.01, 0.12
HSL	301°, 61%, 70%
HSV	301°, 41%, 88%
XYZ	52.7865, 37.9720, 74.5588
YIQ	170.1810, 26.2170, 48.0170

Conversions

Conversions Part 2

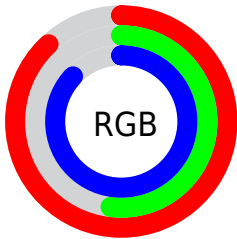
Format	Color
R _Y B	225, 132, 223
Decimal	14779615
CIE Lab	68.00, 48.92, -31.46
CIE LCh	68, 58.161, 327.260
Yxy	37.9720, 0.3193, 0.2297
Android (android.graphics.Color)	4292969695 (0xFFE184DF)
YUV	170.1810, 26.0398, 48.0763
Hunter-Lab	61.6215, 45.0700, -28.6028

Details

The CIELCh color **68, 58.161, 327.260** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82, 58.305, 141.817**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 42.626, 325.902**, and **48, 58.388, 327.131** is the 20% darker color. If you saturate the color by 10%, you get **64, 70.865, 327.741**, and if you desaturate by 10%, it is **73, 44.502, 326.739**.

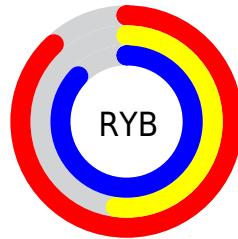
Distribution



Red (88%)

Green (52%)

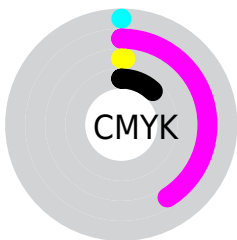
Blue (87%)



Red (88%)

Yellow (52%)

Blue (87%)

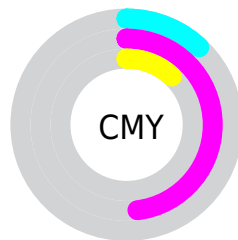


Cyan (0%)

Magenta (41%)

Yellow (1%)

Black (12%)



Cyan (12%)


Magenta (48%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 58.161, 327.260 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, 58.161, 327.260 by changing the saturation by 10% instead.


 68, 58.161,
327.260


 68, 58.161,
327.260


 100, 58.161,
327.260


 58, 58.161,
327.260


 88, 58.161,
327.260

 48, 58.161,
327.260

 98, 58.161,
327.260

 38, 58.161,
327.260

 28, 58.161,
327.260

 18, 58.161,
327.260

 8, 58.161, 327.260

 0, 58.161, 327.260

68, 58.161,
327.260

68, 58.161,
327.260

64, 70.865,
327.741

73, 44.502,
326.739

60, 82.081,
328.165

78, 30.348,
326.192

57, 91.246,
328.520

83, 16.042,
325.628

55, 97.900,
328.797

89, 1.825, 324.935

54, 101.847,
328.996

95, 12.143,
144.572

53, 103.454,
329.119

97, 18.174,
144.572

97, 17.971,
145.024

97, 17.768,
145.486

■ 97, 17.567,
145.958

Harmonies

Complementary

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



68, 58.161, 327.260



82, 58.305, 141.817

Rectangle

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



68, 58.161, 327.260



68, 58.161, 17.260



68, 58.161, 147.260



68, 58.161, 197.260

Sweetspot

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



68, 58.158, 327.260



93, 18.864, 325.674



59, 52.679, 296.289



48, 12.520, 325.748



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, 58.158, 327.260



72, 76.562, 327.697



66, 42.200, 348.820



44, 8.036, 325.522



42, 86.029, 329.105



8, 35.413, 328.954

Inverse Universe

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



68, 58.158, 327.260



72, 76.562, 327.697



83, 40.012, 160.390



44, 8.036, 325.522



42, 86.029, 329.105



8, 35.413, 328.954

Previews

White Background



This preview shows how the CIELCh color 68, 58.161, 327.260 looks on a white background.

Color Contrast Check

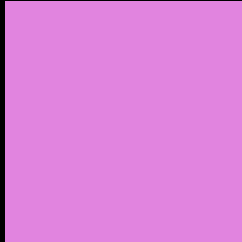
Large Text (above 18pt) WCAG AA × Fail

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 68, 58.161, 327.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

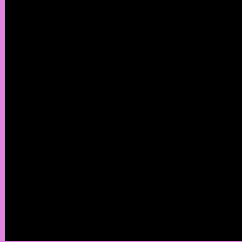
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 58.161, 327.260

Background



This preview shows how black text looks on a background with the CIELCh color 68, 58.161, 327.260.



This preview shows how white text looks on a background with the CIELCh color 68, 58.161, 327.260.

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
68, 58.161, 327.260

Protanopia
68, 47.011, 285.710

Deuteranopia
68, 30.358, 287.712



Tritanopia
68, 28.819, 9.353

Trichromacy



Original Color
68, 58.161, 327.260



Protanomaly
67, 48.468, 301.040



Deuteranomaly
68, 38.856, 307.654



Tritanomaly
68, 36.806, 346.044

Monochromacy



Original Color
68, 58.161, 327.260



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 22.081, 326.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 58.161, 327.260 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, 132, 223)` looks like.

```
.text, #text, p{  
    color:rgb(225, 132, 223)  
}
```

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, 132, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 132, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 58.161, 327.260 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, 132, 223) }
```

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

```
.border{ border-color:rgb(225, 132, 223) }
```

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

Here you see how a box with a 4 pixel rgb(225, 132, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 132, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 132, 223);  
box-shadow:4px 4px 4px 4px rgb(225, 132,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 58.161, 327.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 132, 223) }
```

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

```
.background{ background-color: rgb(225,  
132, 223) }
```

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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