

Converting Colors

CIELCh(60, 83.358, 323.297)

Have a look what the booklet for
CIELCh(60, 83.358, 323.297)
contains.

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Color

CIELCh(60, 83.426, 323.257)

Conversions

Conversions Part 1

Format	Color
Hex	D75DEA
RGB	215, 93, 234
RGB Percent	84%, 36%, 92%
CMY	0.1578, 0.6362, 0.0833
CMYK	0.08, 0.60, 0.00, 0.08
HSL	292°, 77%, 64%
HSV	292°, 60%, 92%
XYZ	46.6620, 28.1233, 80.6286
YIQ	145.5520, 27.4510, 69.7150

Conversions

Conversions Part 2

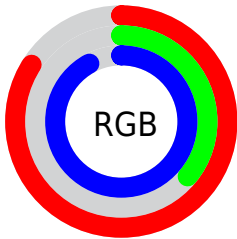
Format	Color
R _{YB}	215, 93, 234
Decimal	14114282
CIE _{Lab}	60.00, 66.85, -49.91
CIE _{LCh}	60, 83.426, 323.257
Yxy	28.1233, 0.3002, 0.1810
Android (android.graphics.Color)	4292304362 (0xFFD75DEA)
YUV	145.5520, 43.6049, 60.9059
Hunter-Lab	53.0314, 64.2560, -53.0221

Details

The CIELCh color **60, 83.426, 323.257** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **83, 82.808, 136.639**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.623, 326.671**, and **40, 83.737, 323.209** is the 20% darker color. If you saturate the color by 10%, you get **56, 93.822, 323.434**, and if you desaturate by 10%, it is **64, 71.186, 322.960**.

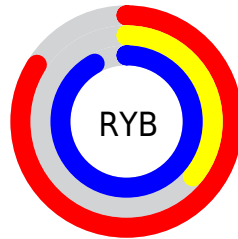
Distribution



Red (84%)

Green (36%)

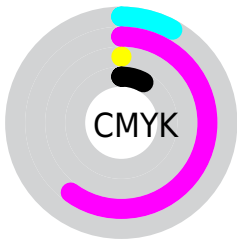
Blue (92%)



Red (84%)

Yellow (36%)

Blue (92%)

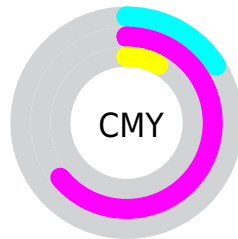


Cyan (8%)

Magenta (60%)

Yellow (0%)

Black (8%)



Cyan (16%)


Magenta (64%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 83.426, 323.257 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 60, 83.426, 323.257 by changing the saturation by 10% instead.

 60, 83.426,
323.257


 60, 83.426,
323.257


 100, 83.426,
323.257


 50, 83.426,
323.257


 80, 83.426,
323.257

 40, 83.426,
323.257

 90, 83.426,
323.257


 30, 83.426,
323.257

 20, 83.426,
323.257

 10, 83.426,
323.257

 0, 83.426, 323.257

 60, 83.426,

 60, 83.426,

323.257

56, 93.822,
323.434

53, 101.774,
323.457

51, 106.874,
323.298

50, 109.360,
322.981

323.257

64, 71.186,
322.960

69, 57.728,
322.578

75, 43.581,
322.142


80, 29.147,
321.675

86, 14.709,
321.192

92, 0.455, 320.183

98, 12.642,
140.081

98, 12.092,
135.645

 99, 11.621,
130.784

Harmonies

Complementary

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



60, 83.426, 323.257



83, 82.808, 136.639

Rectangle

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



60, 83.426, 323.257



60, 83.426, 13.257



60, 83.426, 143.257



60, 83.426, 193.257

Sweetspot

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



60, 83.424, 323.257



88, 27.683, 321.568



52, 69.134, 293.937



45, 19.262, 321.708



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 83.424, 323.257



60, 102.153, 323.452



61, 67.289, 341.843



46, 8.119, 321.151



39, 90.292, 323.063



8, 38.563, 323.788

Inverse Universe

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



58, 58.824, 17.926



59, 75.180, 22.000



83, 66.854, 149.970



46, 4.973, 9.116



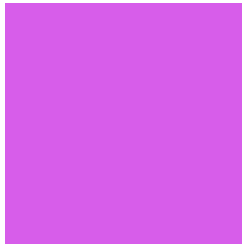
38, 74.967, 33.822



7, 28.052, 17.182

Previews

White Background



This preview shows how the CIELCh color 60, 83.426, 323.257 looks on a white background.

Color Contrast Check

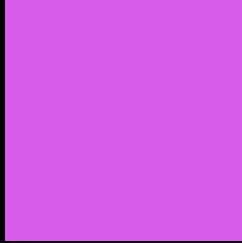
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 83.426, 323.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

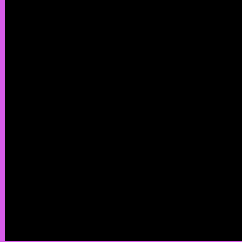
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 83.426, 323.257

Background



This preview shows how black text looks on a background with the CIELCh color 60, 83.426, 323.257.



This preview shows how white text looks on a background with the CIELCh color 60, 83.426, 323.257.

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
60, 32.926, 14.606

Trichromacy



Original Color
60, 83.426, 323.257



Protanomaly
58, 70.296, 300.472



Deuteranomaly
58, 58.158, 301.440



Tritanomaly
59, 46.675, 342.762

Monochromacy



Original Color
60, 83.426, 323.257



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 33.020, 321.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 83.426, 323.257 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(215, 93, 234)` looks like.

```
.text, #text, p{  
    color:rgb(215, 93, 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(215, 93, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 93, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 83.426, 323.257 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(215, 93, 234) }
```

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

```
.border{ border-color:rgb(215, 93, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 93, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 93, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 93, 234);  
box-shadow:4px 4px 4px 4px rgb(215, 93,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 83.426, 323.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 93, 234) }
```

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

```
.background{ background-color: rgb(215, 93,  
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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