

Converting Colors

Hex(CE83B3)

Have a look what the booklet for
Hex(CE83B3) contains.

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Color

Hex(CE83B3)

Conversions

Conversions Part 1

Format	Color
Hex	CE83B3
RGB	206, 131, 179
RGB Percent	81%, 51%, 70%
CMY	0.1922, 0.4863, 0.2980
CMYK	0.00, 0.36, 0.13, 0.19
HSL	322°, 43%, 66%
HSV	322°, 36%, 81%
XYZ	41.7066, 32.6091, 46.7438
YIQ	158.8970, 29.2920, 30.8280

Conversions

Conversions Part 2

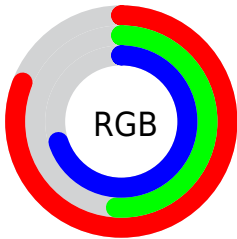
Format	Color
R_{YB}	206, 131, 179
Decimal	13534131
CIE _{Lab}	63.84, 35.80, -13.21
CIE _{LCh}	64, 38.159, 339.738
Yxy	32.6091, 0.3445, 0.2694
Android (android.graphics.Color)	4291724211 (0xFFCE83B3)
YUV	158.8970, 9.9108, 41.3093
Hunter-Lab	57.1044, 30.4361, -8.5599

Details

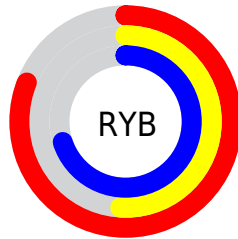
The Hex color **CE83B3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **83CE9E**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB9EB**, and **96507E** is the 20% darker color. If you saturate the color by 10%, you get **CE6EAC**, and if you desaturate by 10%, it is **CE98BA**.

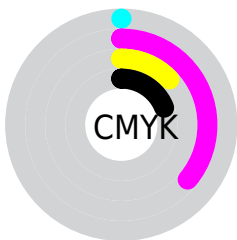
Distribution



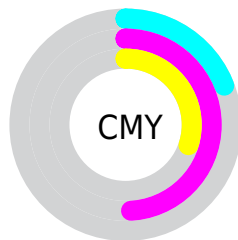
- Red (81%)
- Green (51%)
- Blue (70%)



- Red (81%)
- Yellow (51%)
- Blue (70%)



- Cyan (0%)
- Magenta (36%)
- Yellow (13%)
- Black (19%)



- Cyan (19%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE83B3 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 Hex color CE83B3 by changing the saturation by 10% instead.

 CE83B3

 CE83B3

FFFFFF

 B26998


 FFB9EB

 96507E

 FFD5FF

 7C3765

 FFF2FF

 611E4D

 480236

 310021

 130007

 000000

 CE83B3

 CE83B3

 CE6EAC

 CE98BA

 CE5AA4

 CEACC2

 CE459D

 CEC1C9

 CE3195

 CED5D1

 CE1C8E

 CEEAD8

 CE0787

 CEFFDF

 CE0084

 CEFFE7

 CEFFEE

 CEFFF6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AD8ECF



CE83B3



DC8091

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CE83B3



A69C56



00ABC5

Complementary

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



CE83B3



83CE9E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11ADA5



CE83B3



81A565

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CE83B3



C4915B



55AB82



37A5DA

Rectangle

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



CE83B3



DB837B



55AB82



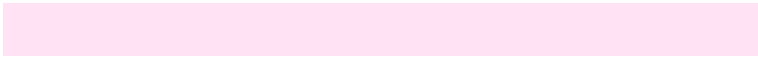
00ACBB

Sweetspot

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



CE83B3



FFE3F5



9D83CE



806F7A



000000



808080

Same Dimension

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



CE83B3



FF8FD7



CE838E



665C62



A6006A



260018

Inverse Universe

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



CE83B3



FF8FD7



83CEC3



665C62



A6006A



260018

Previews

White Background



This preview shows how the Hex color CE83B3 looks on a white background.

Color Contrast Check

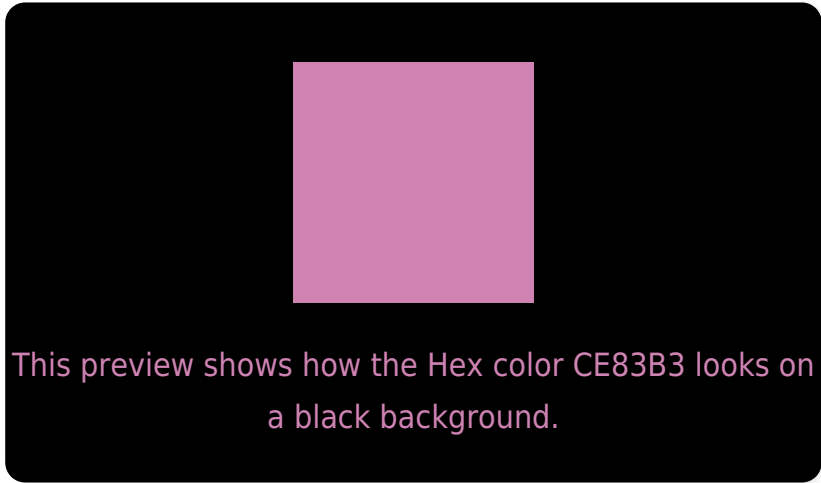
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

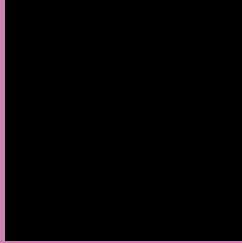
Any Text WCAG AA ✓ Pass

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](#).

Hex CE83B3 Background



This preview shows how black text looks on a background with the Hex color CE83B3.

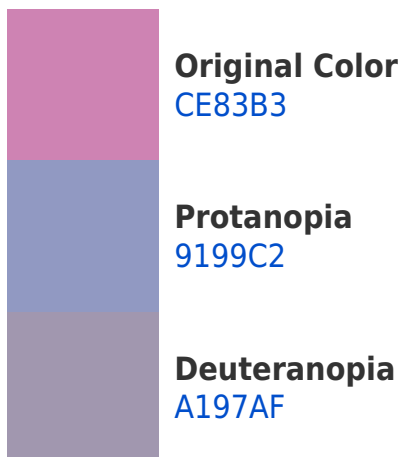



This preview shows how white text looks on a background with the Hex color CE83B3.

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
CA8993

Trichromacy



Original Color
CE83B3



Protanomaly
A791BD



Deuteranomaly
B190B0

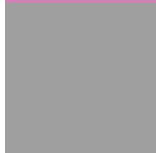


Tritanomaly
CB879F

Monochromacy



Original Color
CE83B3



Achromatopsia
9F9F9F



Achromatomaly
B095A6

CSS Examples

Text

The CSS property to change the color of the text to Hex CE83B3 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 #CE83B3 looks like.

```
.text, #text, p{  
    color:#CE83B3  
}
```

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 #CE83B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE83B3
}
```

Border

The CSS property to change the border of an element to Hex CE83B3 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
#CE83B3 }
```

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

```
.border{ border-color:#CE83B3 }
```

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

Here you see how a box with a 4 pixel #CE83B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE83B3; -webkit-box-shadow:4px 4px  
4px 4px #CE83B3; box-shadow:4px 4px 4px  
4px #CE83B3 }
```

Background

The CSS property to change the background color of an element to Hex CE83B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE83B3 }
```

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

```
.background{ background-color:#CE83B3 }
```

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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