

Converting Colors

Hex(8CE1C5)

Have a look what the booklet for
Hex(8CE1C5) contains.

Hex(8CE1C5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8CE1C5)

Conversions

Conversions Part 1

Format	Color
Hex	8CE1C5
RGB	140, 225, 197
RGB Percent	55%, 88%, 77%
CMY	0.4510, 0.1176, 0.2275
CMYK	0.38, 0.00, 0.12, 0.12
HSL	160°, 59%, 72%
HSV	160°, 38%, 88%
XYZ	47.8185, 63.4571, 62.5515
YIQ	196.3930, -41.6720, -26.7280

Conversions

Conversions Part 2

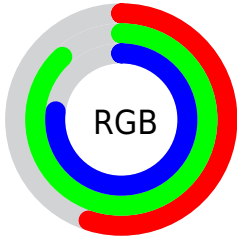
Format	Color
RYB	140, 191, 225
Decimal	9232837
CIELab	83.68, -32.00, 5.61
CIELCh	84, 32.483, 170.063
Yxy	63.4571, 0.2751, 0.3651
Android (android.graphics.Color)	4287422917 (0xFF8CE1C5)
YUV	196.3930, 0.2993, -49.4567
Hunter-Lab	79.6600, -32.2545, 9.2056

Details

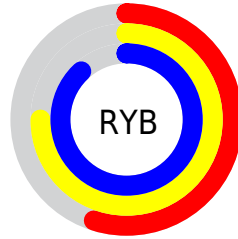
The Hex color **8CE1C5** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E18CA8**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C4FFFE**, and **55A98F** is the 20% darker color. If you saturate the color by 10%, you get **76E1BE**, and if you desaturate by 10%, it is **A3E1CC**.

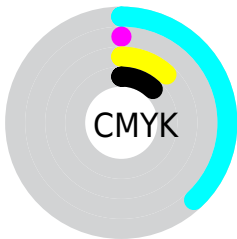
Distribution



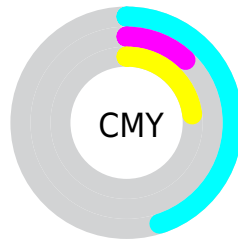
- Red (55%)
- Green (88%)
- Blue (77%)



- Red (55%)
- Yellow (75%)
- Blue (88%)



- Cyan (38%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (45%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CE1C5 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 8CE1C5 by changing the saturation by 10% instead.

 8CE1C5

 8CE1C5

FFFFFF

 70C5AA

 C4FFFE

 55A98F

 E1FFFF

 398F76

 19755D

 005B45

 00432F

 002C1A

 001500

 000000

 8CE1C5

 8CE1C5

 76E1BE

 A3E1CC

 5FE1B6

 B9E1D4

 49E1AF

 D0E1DB

 32E1A7

 E6E1E3

 1CE1A0

 FDE1EA

 05E199

 FFE1F1

 00E197

 FFE1F9

 FFE1FF

Harmonies

Analogous

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



AEDDA8



8CE1C5



74E1E4

Triad

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



8CE1C5



C7CCFF



FFC1A3

Complementary

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



8CE1C5



E18CA8

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.



FFBBBD



8CE1C5



EEC2F8

Square

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



8CE1C5



9BD7FF



FFBDC



F0CB95

Rectangle

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



8CE1C5



73E0F7



FFBDC



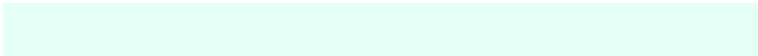
FFBFAB

Sweetspot

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



8CE1C5



E3FFF6



A8E18C



6F807A



000000



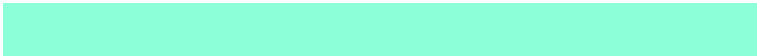
808080

Same Dimension

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



8CE1C5



8CFFD9



8CD3E1



65706D



00B076



003020

Inverse Universe

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



E18CA8



FF8CB2



E19A8C



706569



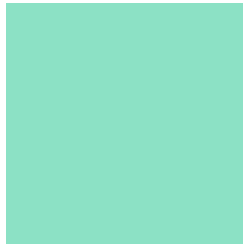
B0003A



300010

Previews

White Background



This preview shows how the Hex color 8CE1C5 looks on a white background.

Color Contrast Check

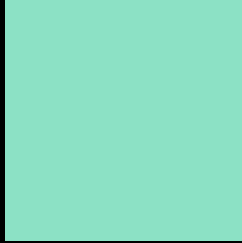
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 8CE1C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

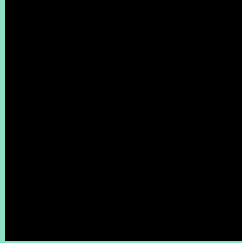
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

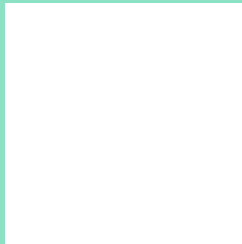
Any Text WCAG AAA ✓ Pass

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

Hex 8CE1C5 Background



This preview shows how black text looks on a background with the Hex color 8CE1C5.

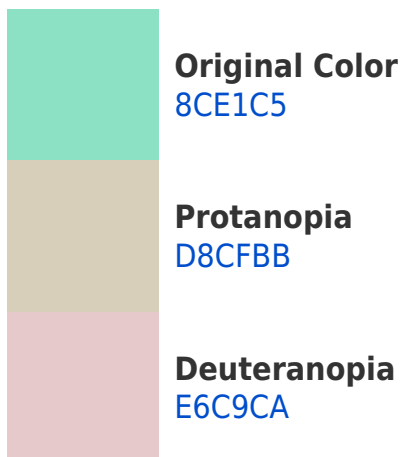


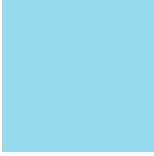
This preview shows how white text looks on a background with the Hex color 8CE1C5.

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
96DBED

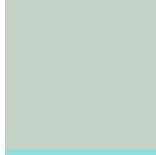
Trichromacy



Original Color
8CE1C5



Protanomaly
BCD6BF



Deuteranomaly
C5D2C8

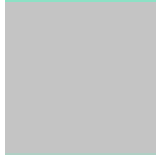


Tritanomaly
92DDDE

Monochromacy



Original Color
8CE1C5



Achromatopsia
C4C4C4



Achromatomaly
B0CFC4

CSS Examples

Text

The CSS property to change the color of the text to Hex 8CE1C5 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 #8CE1C5 looks like.

```
.text, #text, p{  
    color:#8CE1C5  
}
```

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 #8CE1C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CE1C5
}
```

Border

The CSS property to change the border of an element to Hex 8CE1C5 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
#8CE1C5 }
```

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

```
.border{ border-color:#8CE1C5 }
```

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

Here you see how a box with a 4 pixel #8CE1C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CE1C5; -webkit-box-shadow:4px 4px  
4px 4px #8CE1C5; box-shadow:4px 4px 4px  
4px #8CE1C5 }
```

Background

The CSS property to change the background color of an element to Hex 8CE1C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CE1C5 }
```

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

```
.background{ background-color:#8CE1C5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor