

Converting Colors

Hex(65E8BC)

Have a look what the booklet for
Hex(65E8BC) contains.

Hex(65E8BC)	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(65E8BC)

Conversions

Conversions Part 1

Format	Color
Hex	65E8BC
RGB	101, 232, 188
RGB Percent	40%, 91%, 74%
CMY	0.6039, 0.0902, 0.2627
CMYK	0.56, 0.00, 0.19, 0.09
HSL	160°, 74%, 65%
HSV	160°, 56%, 91%
XYZ	43.3005, 64.1108, 57.6694
YIQ	187.8150, -63.9520, -41.4560

Conversions

Conversions Part 2

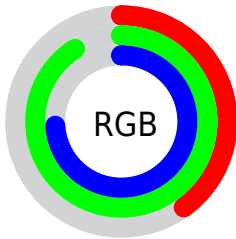
Format	Color
RYB	101, 180, 232
Decimal	6678716
CIELab	84.02, -46.41, 10.64
CIELCh	84, 47.610, 167.090
Yxy	64.1108, 0.2623, 0.3884
Android (android.graphics.Color)	4284868796 (0xFF65E8BC)
YUV	187.8150, 0.0912, -76.1368
Hunter-Lab	80.0692, -43.5903, 13.3451

Details

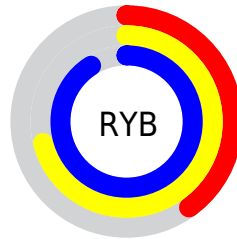
The Hex color **65E8BC** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **E86591**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A1FFF4**, and **1BB087** is the 20% darker color. If you saturate the color by 10%, you get **4EE8B4**, and if you desaturate by 10%, it is **7CE8C4**.

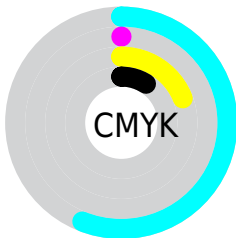
Distribution



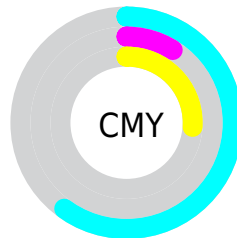
- Red (40%)
- Green (91%)
- Blue (74%)



- Red (40%)
- Yellow (71%)
- Blue (91%)



- Cyan (56%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)



- Cyan (60%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65E8BC 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 65E8BC by changing the saturation by 10% instead.

 65E8BC

FFFFFF

 A1FFF4

 BFFFFFF

 DDFFFF

 FBFFFF

 65E8BC

 45CBA1

 1BB087

 00946D

 007A55

 00603E

 004728

 003013

 001700

 000000

 65E8BC

 65E8BC

 4EE8B4

 7CE8C4

 37E8AC

 93E8CC

 1FE8A5

 ABE8D3

 08E89D

 C2E8DB

 00E89A

 D9E8E3

 F0E8EB

 FFE8F3

 FFE8FA

 FFE8FF

Harmonies

Analogous

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



A2E293



65E8BC



00E9EA

Triad

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



65E8BC



B9CFFF



FFB992

Complementary

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



65E8BC



E86591

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.



FFAFB9



65E8BC



F6BCFF

Square

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



65E8BC



67DCFF



FFB0E7



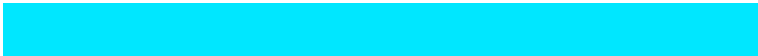
FFC87A

Rectangle

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



65E8BC



00E7FF



FFB0E7



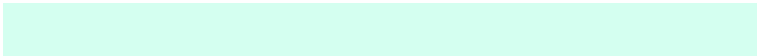
FFB49E

Sweetspot

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



65E8BC



D4FFF0



93E865



668077



000000



808080

Same Dimension

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



65E8BC



52FFC5



65D4E8



67736F



00B377



003322

Inverse Universe

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



E86591



FF528C



E87965



73676B



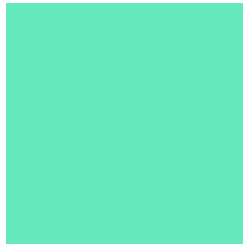
B3003C



330011

Previews

White Background



This preview shows how the Hex color 65E8BC 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 65E8BC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

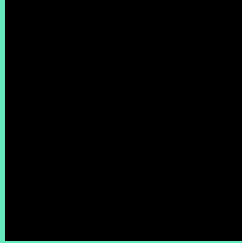
Any Text WCAG AA ✓ Pass

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 65E8BC Background



This preview shows how black text looks on a background with the Hex color 65E8BC.

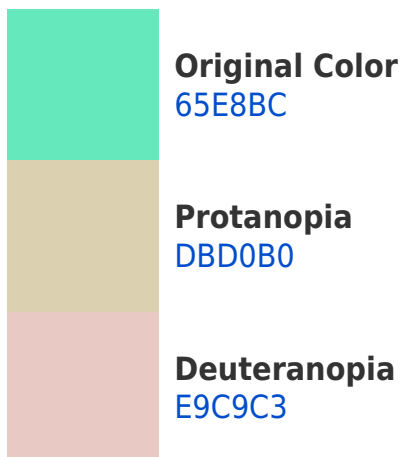


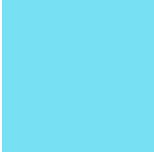
This preview shows how white text looks on a background with the Hex color 65E8BC.

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](#).

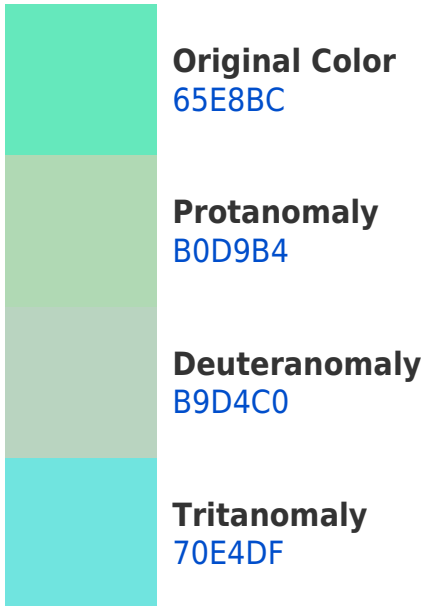
Dichromacy



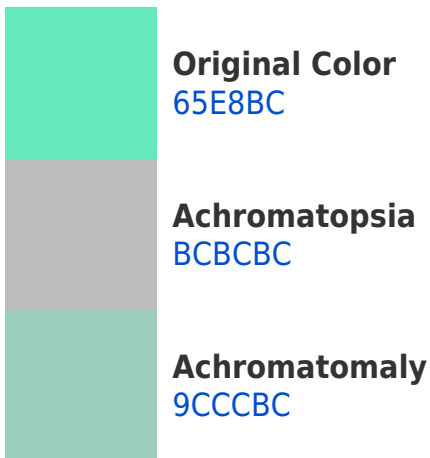


Tritanopia
77E1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65E8BC 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 #65E8BC looks like.

```
.text, #text, p{  
    color:#65E8BC  
}
```

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 #65E8BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65E8BC
}
```

Border

The CSS property to change the border of an element to Hex 65E8BC 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
#65E8BC }
```

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

```
.border{ border-color:#65E8BC }
```

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

Here you see how a box with a 4 pixel #65E8BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65E8BC; -webkit-box-shadow:4px 4px  
4px 4px #65E8BC; box-shadow:4px 4px 4px  
4px #65E8BC }
```

Background

The CSS property to change the background color of an element to Hex 65E8BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65E8BC }
```

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

```
.background{ background-color:#65E8BC }
```

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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