

Converting Colors

Hex(8BE1E5)

Have a look what the booklet for
Hex(8BE1E5) contains.

Hex(8BE1E5)	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(8BE1E5)

Conversions

Conversions Part 1

Format	Color
Hex	8BE1E5
RGB	139, 225, 229
RGB Percent	55%, 88%, 90%
CMY	0.4549, 0.1176, 0.1020
CMYK	0.39, 0.02, 0.00, 0.10
HSL	183°, 63%, 72%
HSV	183°, 39%, 90%
XYZ	51.7155, 64.9965, 83.9486
YIQ	199.7420, -52.5400, -16.9880

Conversions

Conversions Part 2

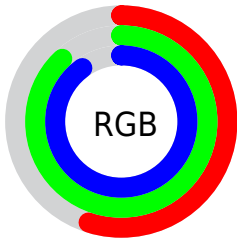
Format	Color
RYB	139, 183, 229
Decimal	9167333
CIELab	84.48, -24.92, -10.15
CIElCh	84, 26.907, 202.156
Yxy	64.9965, 0.2577, 0.3239
Android (android.graphics.Color)	4287357413 (0xFF8BE1E5)
YUV	199.7420, 14.4242, -53.2707
Hunter-Lab	80.6204, -26.5835, -5.3033

Details

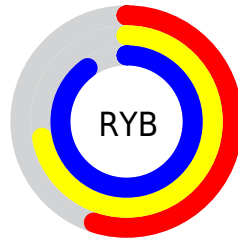
The Hex color **8BE1E5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E58F8B**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C4FFFF**, and **52A9AE** is the 20% darker color. If you saturate the color by 10%, you get **74E0E5**, and if you desaturate by 10%, it is **A2E2E5**.

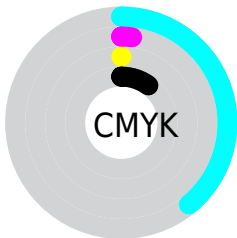
Distribution



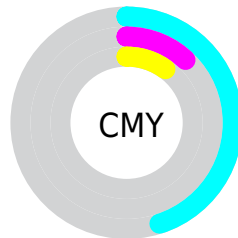
- Red (55%)
- Green (88%)
- Blue (90%)



- Red (55%)
- Yellow (72%)
- Blue (90%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (45%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BE1E5 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 8BE1E5 by changing the saturation by 10% instead.

 8BE1E5

 8BE1E5

FFFFFF

 6FC5C9

 C4FFFF

 52A9AE

 E1FFFF

 348F93

 0B7579

 005C61

 004449

 002D32

 00191D

 000002

 8BE1E5

 8BE1E5

 74E0E5

 A2E2E5

 5DDFE5

 B9E3E5

 46DEE5

 D0E4E5

 2FDDE5

 E7E5E5

 18DCE5

 FEE6E5

 02DBE5

 FFE7E5

 00DBE5

 FFE8E5

 FFE9E5

 FFEAE5

Harmonies

Analogous

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



9AE1CB



8BE1E5



91DEFA

Triad

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



8BE1E5



EDC6F2



ECCFA1

Complementary

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



8BE1E5



E58F8B

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.



FFC7AC



8BE1E5



FFC1DB

Square

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



8BE1E5



CECFFF



FFC1C1



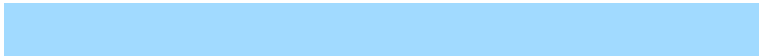
D2D7A4

Rectangle

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



8BE1E5



A1DAFF



FFC1C1



F4CCA3

Sweetspot

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



8BE1E5



E0FEFF



8BE58E



6E7F80



000000



808080

Same Dimension

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



8BE1E5



87FAFF



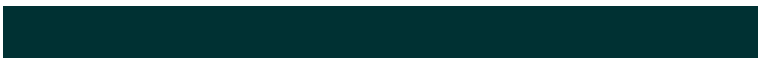
8BB5E5



677273



00ABB3



003133

Inverse Universe

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



E58BE1



FF87FA



E5BB8B



736772



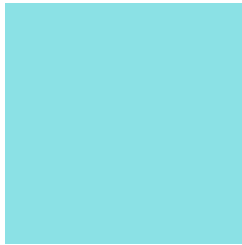
B300AB



330031

Previews

White Background



This preview shows how the Hex color 8BE1E5 looks on a white background.

Color Contrast Check

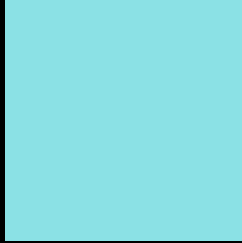
Large Text (above 18pt) WCAG AA × Fail

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 8BE1E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

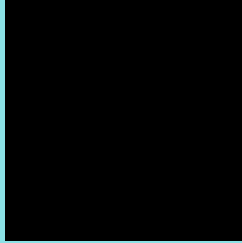
Any Text WCAG AA ✓ Pass

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 8BE1E5 Background



This preview shows how black text looks on a background with the Hex color 8BE1E5.

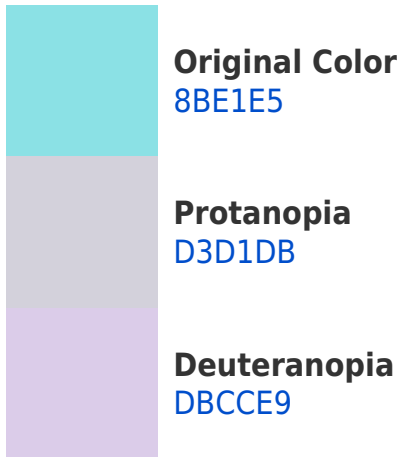


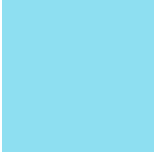
This preview shows how white text looks on a background with the Hex color 8BE1E5.

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](#).

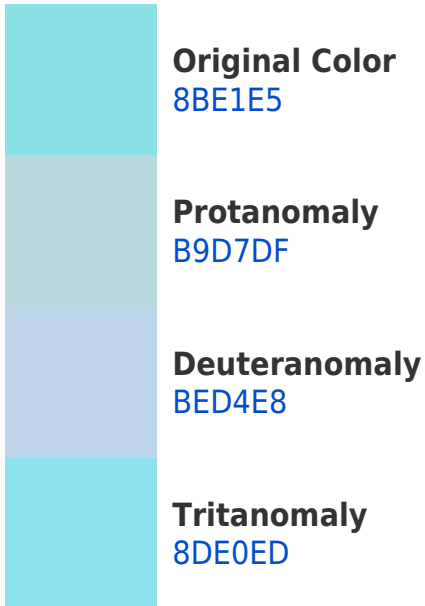
Dichromacy



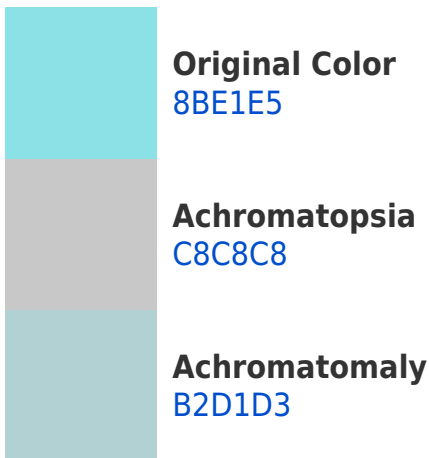


Tritanopia
8EDFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8BE1E5 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 #8BE1E5 looks like.

```
.text, #text, p{  
    color:#8BE1E5  
}
```

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 #8BE1E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BE1E5
}
```

Border

The CSS property to change the border of an element to Hex 8BE1E5 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
#8BE1E5 }
```

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

```
.border{ border-color:#8BE1E5 }
```

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

Here you see how a box with a 4 pixel #8BE1E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BE1E5; -webkit-box-shadow:4px 4px  
4px 4px #8BE1E5; box-shadow:4px 4px 4px  
4px #8BE1E5 }
```

Background

The CSS property to change the background color of an element to Hex 8BE1E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BE1E5 }
```

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

```
.background{ background-color:#8BE1E5 }
```

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