

Converting Colors

Hex(95E7D0)

Have a look what the booklet for
Hex(95E7D0) contains.

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Color

Hex(95E7D0)

Conversions

Conversions Part 1

Format	Color
Hex	95E7D0
RGB	149, 231, 208
RGB Percent	58%, 91%, 82%
CMY	0.4157, 0.0941, 0.1843
CMYK	0.35, 0.00, 0.10, 0.09
HSL	163°, 63%, 75%
HSV	163°, 35%, 91%
XYZ	52.3555, 68.0955, 70.0588
YIQ	203.8600, -41.4890, -24.5370

Conversions

Conversions Part 2

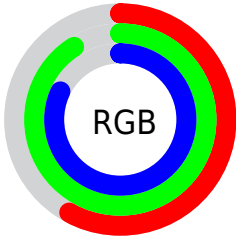
Format	Color
RYB	149, 197, 231
Decimal	9824208
CIELab	86.05, -30.02, 3.29
CIELCh	86, 30.200, 173.740
Yxy	68.0955, 0.2748, 0.3574
Android (android.graphics.Color)	4288014288 (0xFF95E7D0)
YUV	203.8600, 2.0410, -48.1122
Hunter-Lab	82.5200, -31.1591, 7.4272

Details

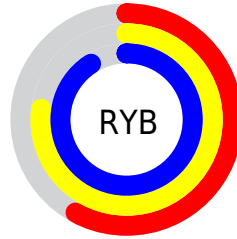
The Hex color **95E7D0** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E795AC**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **CEFFFF**, and **5EAF9A** is the 20% darker color. If you saturate the color by 10%, you get **7EE7CA**, and if you desaturate by 10%, it is **ACE7D6**.

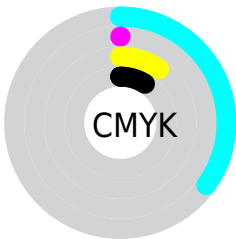
Distribution



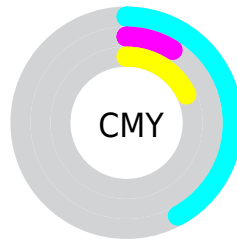
- Red (58%)
- Green (91%)
- Blue (82%)



- Red (58%)
- Yellow (77%)
- Blue (91%)



- Cyan (35%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (42%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95E7D0 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 95E7D0 by changing the saturation by 10% instead.

 95E7D0

 95E7D0

FFFFFF

 79CBB4

 CEFFFF

 5EAF9A

 EBFFFF

 439480

 257A67

 00614F

 004938

 003123

 001E0D

 000000

 95E7D0

 95E7D0

 7EE7CA

 ACE7D6

 67E7C3

 C3E7DD

 50E7BD

 DAE7E3

 39E7B6

 F1E7EA

 22E7B0

 FFE7F0

 0AE7A9

 FFE7F7

 00E7A6

 FFE7FD

 FFE7FF

Harmonies

Analogous

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



B3E3B5



95E7D0



83E7ED

Triad

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



95E7D0



D4D2FF



FFCAAA

Complementary

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



95E7D0



E795AC

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.



FFC4C2



95E7D0



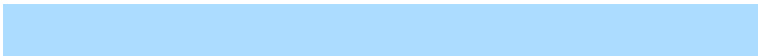
F6C9F9

Square

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



95E7D0



ACDCFF



FFC3DE



F2D39F

Rectangle

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



95E7D0



85E5FE



FFC3DE



FFC7B1

Sweetspot

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



95E7D0



E3FFF7



ACE795



6F807B



000000



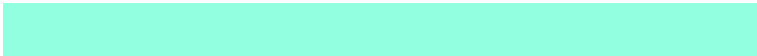
808080

Same Dimension

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



95E7D0



91FFE0



95D5E7



677370



00B380



003325

Inverse Universe

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



E795AC



FF91B0



E7A795



73676A



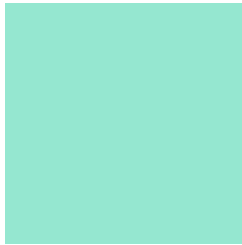
B30032



33000E

Previews

White Background



This preview shows how the Hex color 95E7D0 looks on a white background.

Color Contrast Check

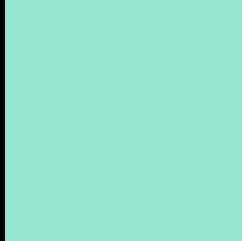
Large Text (above 18pt) WCAG AA × Fail

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 95E7D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

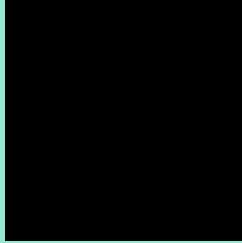
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

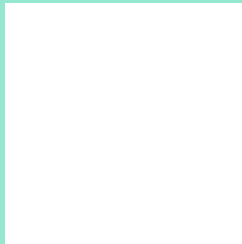
Any Text WCAG AAA ✓ Pass

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

Hex 95E7D0 Background



This preview shows how black text looks on a background with the Hex color 95E7D0.

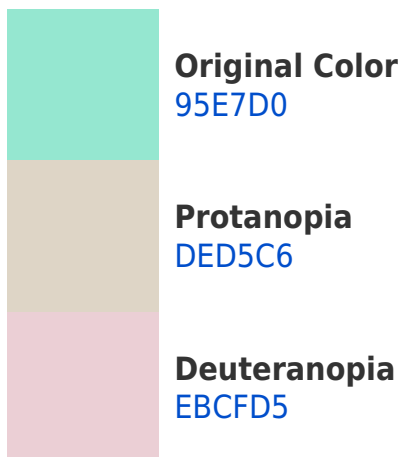


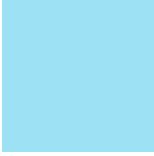
This preview shows how white text looks on a background with the Hex color 95E7D0.

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
9DE2F4

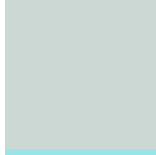
Trichromacy



Original Color
95E7D0



Protanomaly
C3DCCA



Deuteranomaly
CCD8D3

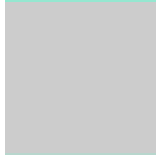


Tritanomaly
9AE4E7

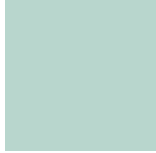
Monochromacy



Original Color
95E7D0



Achromatopsia
CCCCCC



Achromatomaly
B8D6CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 95E7D0 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 #95E7D0 looks like.

```
.text, #text, p{  
    color:#95E7D0  
}
```

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 #95E7D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95E7D0  
}
```

Border

The CSS property to change the border of an element to Hex 95E7D0 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  
#95E7D0 }
```

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

```
.border{ border-color:#95E7D0 }
```

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

Here you see how a box with a 4 pixel #95E7D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95E7D0; -webkit-box-shadow:4px 4px  
4px 4px #95E7D0; box-shadow:4px 4px 4px  
4px #95E7D0 }
```

Background

The CSS property to change the background color of an element to Hex 95E7D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95E7D0 }
```

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

```
.background{ background-color:#95E7D0 }
```

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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