

Converting Colors

Hex(78E1C5)

Have a look what the booklet for
Hex(78E1C5) contains.

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Color

Hex(78E1C5)

Conversions

Conversions Part 1

Format	Color
Hex	78E1C5
RGB	120, 225, 197
RGB Percent	47%, 88%, 77%
CMY	0.5294, 0.1176, 0.2275
CMYK	0.47, 0.00, 0.12, 0.12
HSL	164°, 64%, 68%
HSV	164°, 47%, 88%
XYZ	44.7490, 61.8747, 62.4078
YIQ	190.4130, -53.5920, -30.9680

Conversions

Conversions Part 2

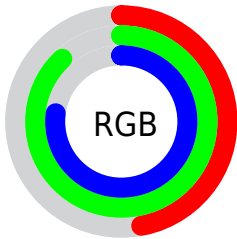
Format	Color
RYB	120, 181, 225
Decimal	7922117
CIELab	82.85, -37.09, 4.29
CIELCh	83, 37.339, 173.399
Yxy	61.8747, 0.2647, 0.3661
Android (android.graphics.Color)	4286112197 (0xFF78E1C5)
YUV	190.4130, 3.2474, -61.7522
Hunter-Lab	78.6605, -36.1094, 8.0227

Details

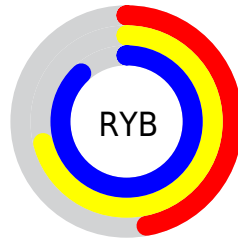
The Hex color **78E1C5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E17894**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B2FFFE**, and **3DA98F** is the 20% darker color. If you saturate the color by 10%, you get **62E1BF**, and if you desaturate by 10%, it is **8EE1CB**.

Distribution



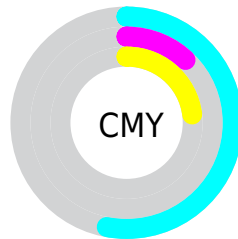
- Red (47%)
- Green (88%)
- Blue (77%)



- Red (47%)
- Yellow (71%)
- Blue (88%)



- Cyan (47%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (53%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78E1C5 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 78E1C5 by changing the saturation by 10% instead.

 78E1C5

FFFFFF

 B2FFFE

 CFFFFFF

 EFFFFFF

 78E1C5

 5BC5AA

 3DA98F

 178E76

 00745D

 005B46

 00432F

 002C1A

 001200

 000000

 78E1C5

 78E1C5

 62E1BF

 8EE1CB

 4BE1B9

 A5E1D1

 35E1B3

 BCE1D7

 1EE1AD

 D2E1DD

 08E1A7

 E9E1E3

 00E1A5

 FFE1E9

 FFE1EF

 FFE1F5

 FFE1FB

Harmonies

Analogous

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



A2DDA3



78E1C5



59E1E9

Triad

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



78E1C5



C8C8FF



FFBE97

Complementary

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



78E1C5



E17894

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.



FFB5B4



78E1C5



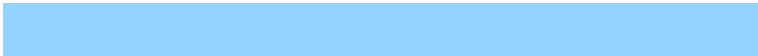
F3BCF9

Square

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



78E1C5



93D4FF



FFB4D8



EEC989

Rectangle

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



78E1C5



5ADFFD



FFB4D8



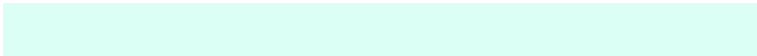
FFBAA0

Sweetspot

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



78E1C5



DBFFF5



94E178



6A807A



000000



808080

Same Dimension

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



78E1C5



70FFD9



78C9E1



65706D



00B081



003024

Inverse Universe

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



E17894



FF7096



E19178



706568



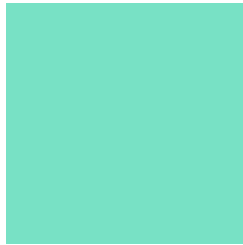
B0002F



30000D

Previews

White Background



This preview shows how the Hex color 78E1C5 looks on a white background.

Color Contrast Check

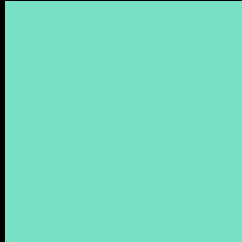
Large Text (above 18pt) WCAG AA × Fail

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 78E1C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

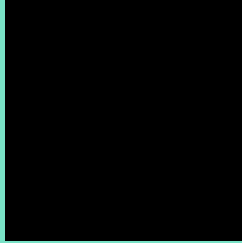
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

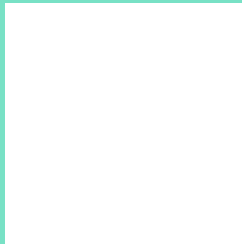
Any Text WCAG AAA ✓ Pass

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

Hex 78E1C5 Background



This preview shows how black text looks on a background with the Hex color 78E1C5.

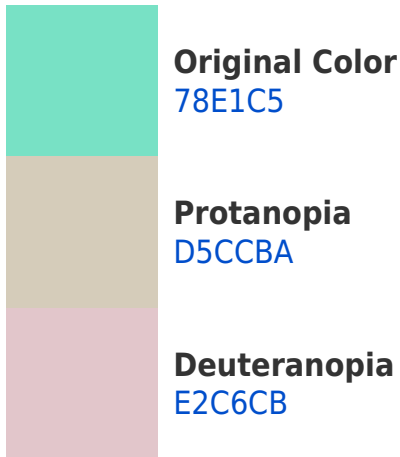


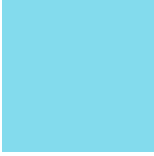
This preview shows how white text looks on a background with the Hex color 78E1C5.

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
83DBED

Trichromacy



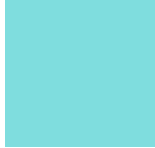
Original Color
78E1C5



Protanomaly
B3D4BE



Deuteranomaly
BBD0C9

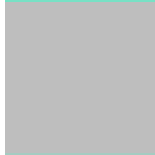


Tritanomaly
7FDDDE

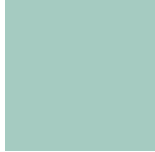
Monochromacy



Original Color
78E1C5



Achromatopsia
BEBEBE



Achromatomaly
A5CBC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 78E1C5 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 #78E1C5 looks like.

```
.text, #text, p{  
    color:#78E1C5  
}
```

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 #78E1C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78E1C5
}
```

Border

The CSS property to change the border of an element to Hex 78E1C5 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
#78E1C5 }
```

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

```
.border{ border-color:#78E1C5 }
```

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

Here you see how a box with a 4 pixel #78E1C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78E1C5; -webkit-box-shadow:4px 4px  
4px 4px #78E1C5; box-shadow:4px 4px 4px  
4px #78E1C5 }
```

Background

The CSS property to change the background color of an element to Hex 78E1C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78E1C5 }
```

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

```
.background{ background-color:#78E1C5 }
```

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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