

Converting Colors

Hex(80C2E3)

Have a look what the booklet for
Hex(80C2E3) contains.

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Color

Hex(80C2E3)

Conversions

Conversions Part 1

Format	Color
Hex	80C2E3
RGB	128, 194, 227
RGB Percent	50%, 76%, 89%
CMY	0.4980, 0.2392, 0.1098
CMYK	0.44, 0.15, 0.00, 0.11
HSL	200°, 64%, 70%
HSV	200°, 44%, 89%
XYZ	42.0590, 48.7188, 79.8600
YIQ	178.0280, -49.9290, -3.7290

Conversions

Conversions Part 2

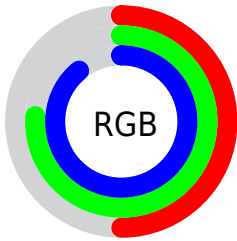
Format	Color
R _Y B	128, 168, 227
Decimal	8438499
CIE Lab	75.28, -12.42, -22.99
CIE LCh	75, 26.130, 241.633
Yxy	48.7188, 0.2465, 0.2855
Android (android.graphics.Color)	4286628579 (0xFF80C2E3)
YUV	178.0280, 24.1432, -43.8746
Hunter-Lab	69.7989, -14.5885, -18.9771

Details

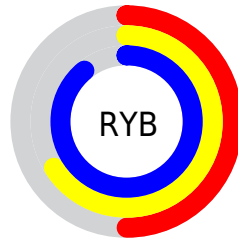
The Hex color **80C2E3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E3A180**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B9FBFF**, and **488CAC** is the 20% darker color. If you saturate the color by 10%, you get **69BAE3**, and if you desaturate by 10%, it is **97CAE3**.

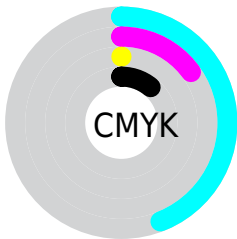
Distribution



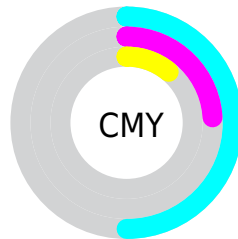
- Red (50%)
- Green (76%)
- Blue (89%)



- Red (50%)
- Yellow (66%)
- Blue (89%)



- Cyan (44%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (50%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80C2E3 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 80C2E3 by changing the saturation by 10% instead.

 80C2E3

 80C2E3

FFFFFF

 64A7C7

 B9FBFF

 488CAC

 D6FFFF

 297391

 F3FFFF

 005A77

 00435E

 002D47

 001930

 00011B

 000000

80C2E3

80C2E3

69BAE3

97CAE3

53B3E3

ADD1E3

3CABE3

C4D9E3

25A4E3

DBE0E3

0F9CE3

F1E8E3

0097E3

FFFE3

FFF7E3

FFFFE3

Harmonies

Analogous

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



73C6D2



80C2E3



9EBBE9

Triad

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



80C2E3



E8A8B9



B0C090

Complementary

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



80C2E3



E3A180

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.



CAB889



80C2E3



EAAAA1

Square

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



80C2E3



DAABD1



DEB090



94C5A2

Rectangle

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



80C2E3



B4B6E6



DEB090



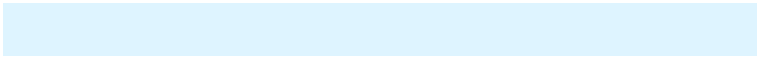
B9BD8C

Sweetspot

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



80C2E3



DEF4FF



80E3A1



6B7980



000000



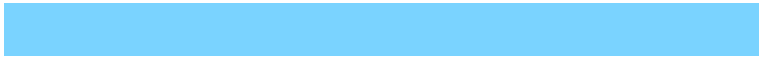
808080

Same Dimension

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



80C2E3



7AD3FF



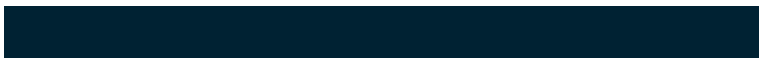
8091E3



676F73



0077B3



002233

Inverse Universe

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



E380C2



FF7AD3



E3D380



73676F



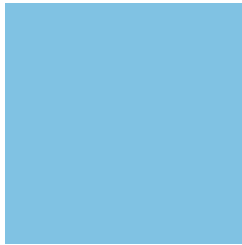
B30077



330022

Previews

White Background



This preview shows how the Hex color 80C2E3 looks on a white background.

Color Contrast Check

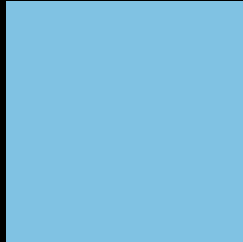
Large Text (above 18pt) WCAG AA × Fail

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 80C2E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

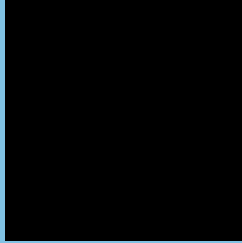
Any Text WCAG AA ✓ Pass

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 80C2E3 Background



This preview shows how black text looks on a background with the Hex color 80C2E3.



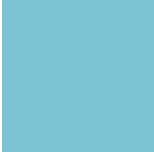
This preview shows how white text looks on a background with the Hex color 80C2E3.

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](#).

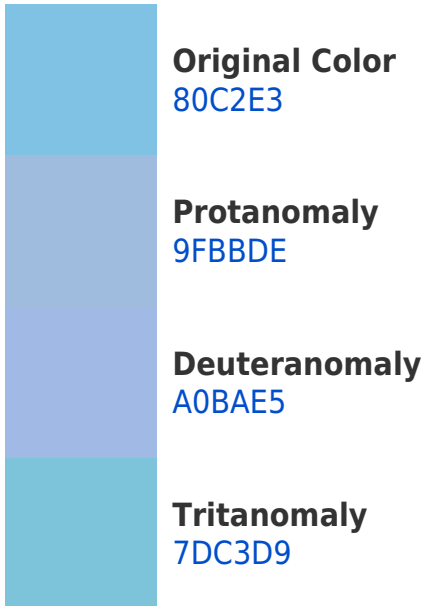
Dichromacy



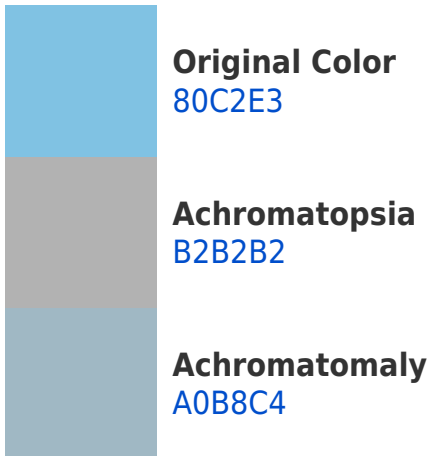


Tritanopia
7CC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80C2E3 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 #80C2E3 looks like.

```
.text, #text, p{  
    color:#80C2E3  
}
```

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 #80C2E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80C2E3
}
```

Border

The CSS property to change the border of an element to Hex 80C2E3 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
#80C2E3 }
```

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

```
.border{ border-color:#80C2E3 }
```

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

Here you see how a box with a 4 pixel #80C2E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80C2E3; -webkit-box-shadow:4px 4px  
4px 4px #80C2E3; box-shadow:4px 4px 4px  
4px #80C2E3 }
```

Background

The CSS property to change the background color of an element to Hex 80C2E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80C2E3 }
```

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

```
.background{ background-color:#80C2E3 }
```

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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