

Converting Colors

Hex(2AC1E3)

Have a look what the booklet for
Hex(2AC1E3) contains.

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Color

Hex(2AC1E3)

Conversions

Conversions Part 1

Format	Color
Hex	2AC1E3
RGB	42, 193, 227
RGB Percent	16%, 76%, 89%
CMY	0.8353, 0.2431, 0.1098
CMYK	0.81, 0.15, 0.00, 0.11
HSL	191°, 77%, 53%
HSV	191°, 81%, 89%
XYZ	33.8899, 44.1782, 79.4141
YIQ	151.7270, -100.9100, -21.4380

Conversions

Conversions Part 2

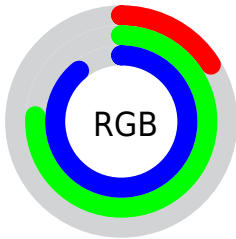
Format	Color
R _{YB}	42, 125, 227
Decimal	2802147
CIE Lab	72.35, -26.26, -27.71
CIE LCh	72, 38.170, 226.540
Yxy	44.1782, 0.2152, 0.2805
Android (android.graphics.Color)	4280992227 (0xFF2AC1E3)
YUV	151.7270, 37.1096, -96.2306
Hunter-Lab	66.4667, -25.3034, -24.3127

Details

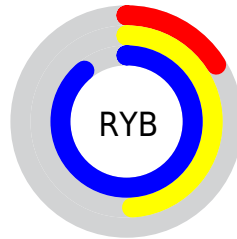
The Hex color **2AC1E3** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **E34C2A**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **78FAFF**, and **008BAC** is the 20% darker color. If you saturate the color by 10%, you get **13BDE3**, and if you desaturate by 10%, it is **41C5E3**.

Distribution



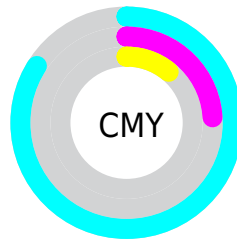
- Red (16%)
- Green (76%)
- Blue (89%)



- Red (16%)
- Yellow (49%)
- Blue (89%)



- Cyan (81%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (84%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AC1E3 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 2AC1E3 by changing the saturation by 10% instead.

 2AC1E3

 2AC1E3

FFFFFF

 00A6C7

 78FAFF

 008BAC

 98FFFF

 007191

 B7FFFF

 005977

 D7FFFF

 00415E

 F6FFFF

 002A46

 001230

 00011B

 000000

■ 2AC1E3

■ 2AC1E3

■ 13BDE3

■ 41C5E3

■ 00B9E3

■ 57C9E3

■ 6ECEEE3

■ 85D2E3

■ 9BD6E3

■ B2DAE3

■ C9DEE3

■ E0E2E3

■ F6E7E3

Harmonies

Analogous

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



31C4C4



2AC1E3



64B9F5

Triad

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



2AC1E3



EC98C3



B5B56D

Complementary

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



2AC1E3



E34C2A

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.



D6AA6E



2AC1E3



F6979F

Square

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



2AC1E3



CEA1E2



EE9E80



8EBE80

Rectangle

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



2AC1E3



8CB2F6



EE9E80



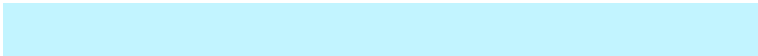
C1B26B

Sweetspot

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



2AC1E3



C2F4FF



2AE34C



5B7980



000000



808080

Same Dimension

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



2AC1E3



05D1FF



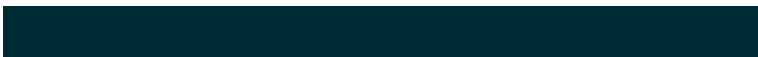
2A65E3



677173



0092B3



002A33

Inverse Universe

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



E32AC1



FF05D1



E3A82A



736771



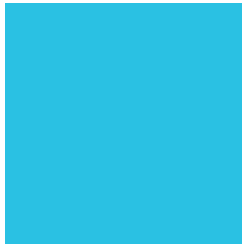
B30092



33002A

Previews

White Background



This preview shows how the Hex color 2AC1E3 looks on a white background.

Color Contrast Check

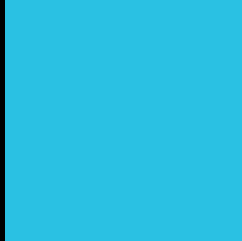
Large Text (above 18pt) WCAG AA × Fail

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 2AC1E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

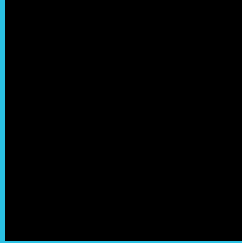
Any Text WCAG AA ✓ Pass

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 2AC1E3 Background



This preview shows how black text looks on a background with the Hex color 2AC1E3.

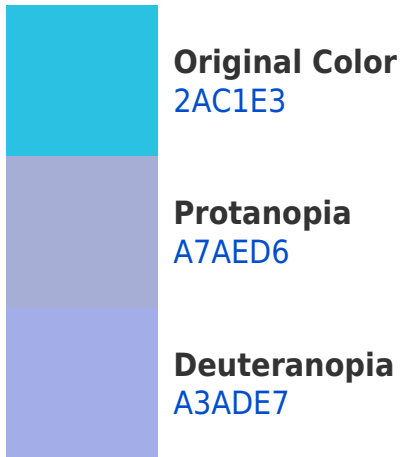


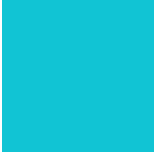
This preview shows how white text looks on a background with the Hex color 2AC1E3.

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



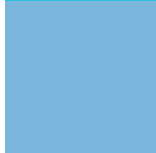


Tritanopia
11C4D4

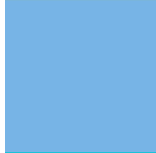
Trichromacy



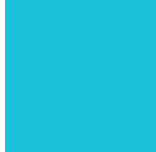
Original Color
2AC1E3



Protanomaly
7AB5DB



Deuteranomaly
77B4E6

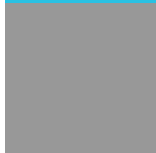


Tritanomaly
1AC3D9

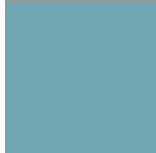
Monochromacy



Original Color
2AC1E3



Achromatopsia
989898



Achromatomaly
70A7B3

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AC1E3 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 #2AC1E3 looks like.

```
.text, #text, p{  
    color:#2AC1E3  
}
```

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 #2AC1E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AC1E3
}
```

Border

The CSS property to change the border of an element to Hex 2AC1E3 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
#2AC1E3 }
```

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

```
.border{ border-color:#2AC1E3 }
```

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

Here you see how a box with a 4 pixel #2AC1E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AC1E3; -webkit-box-shadow:4px 4px  
4px 4px #2AC1E3; box-shadow:4px 4px 4px  
4px #2AC1E3 }
```

Background

The CSS property to change the background color of an element to Hex 2AC1E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AC1E3 }
```

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

```
.background{ background-color:#2AC1E3 }
```

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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