

Converting Colors

Hex(15C8E5)

Have a look what the booklet for
Hex(15C8E5) contains.

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Color

Hex(15C8E5)

Conversions

Conversions Part 1

Format	Color
Hex	15C8E5
RGB	21, 200, 229
RGB Percent	8%, 78%, 90%
CMY	0.9176, 0.2157, 0.1020
CMYK	0.91, 0.13, 0.00, 0.10
HSL	188°, 83%, 49%
HSV	188°, 91%, 90%
XYZ	35.1064, 47.1251, 81.3745
YIQ	149.7850, -115.9930, -28.9290

Conversions

Conversions Part 2

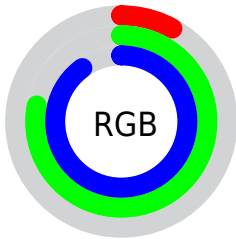
Format	Color
R _Y B	21, 117, 229
Decimal	1427685
CIE Lab	74.27, -30.35, -25.86
CIE LCh	74, 39.873, 220.435
Yxy	47.1251, 0.2146, 0.2880
Android (android.graphics.Color)	4279617765 (0xFF15C8E5)
YUV	149.7850, 39.0530, -112.9444
Hunter-Lab	68.6477, -28.8488, -22.2285

Details

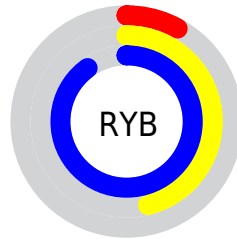
The Hex color **15C8E5** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **E53215**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **71FFFF**, and **0092AD** is the 20% darker color. If you saturate the color by 10%, you get **00C5E5**, and if you desaturate by 10%, it is **2CCBE5**.

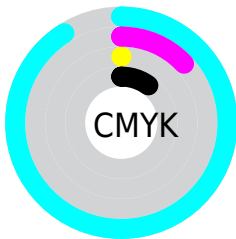
Distribution



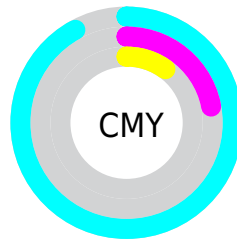
- Red (8%)
- Green (78%)
- Blue (90%)



- Red (8%)
- Yellow (46%)
- Blue (90%)



- Cyan (91%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (92%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15C8E5 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 15C8E5 by changing the saturation by 10% instead.

15C8E5

15C8E5

FFFFFF

00ACC9

71FFFF

0092AD

93FFFF

007893

B3FFFF

005E79

D2FFFF

004660

F2FFFF

002F48

001A32

00021C

000000

■ 15C8E5

■ 15C8E5

■ 00C5E5

■ 2CCBE5

■ 43CEE5

■ 5AD2E5

■ 71D5E5

■ 87D8E5

■ 9EDBE5

■ B5DEE5

■ CCE2E5

■ E3E5E5

Harmonies

Analogous

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



37CAC3



15C8E5



56C1FB

Triad

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



15C8E5



EF9DD0



C2B96E

Complementary

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



15C8E5



E53215

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.



E3AC72



15C8E5



FE9AAB

Square

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



15C8E5



CBA8EF



F9A089



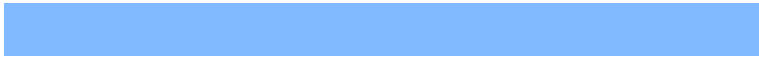
9AC27E

Rectangle

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



15C8E5



82BAFF



F9A089



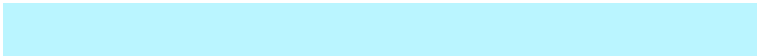
CEB56D

Sweetspot

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



15C8E5



BAF5FF



15E531



577A80



000000



808080

Same Dimension

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



15C8E5



00DBFF



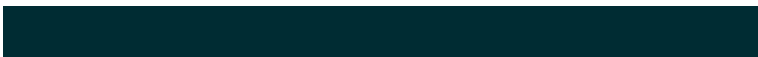
1561E5



677173



009AB3



002C33

Inverse Universe

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



E515C8



FF00DB



E59915



736771



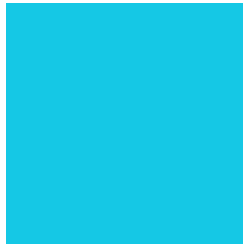
B3009A



33002C

Previews

White Background



This preview shows how the Hex color 15C8E5 looks on a white background.

Color Contrast Check

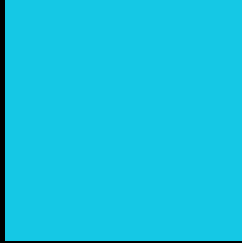
Large Text (above 18pt) WCAG AA × Fail

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 15C8E5 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 15C8E5 Background



This preview shows how black text looks on a background with the Hex color 15C8E5.

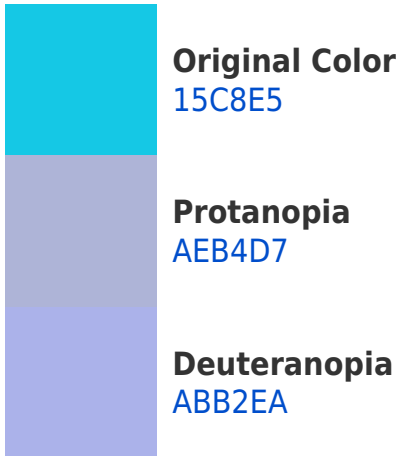


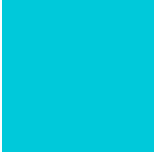
This preview shows how white text looks on a background with the Hex color 15C8E5.

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](#).

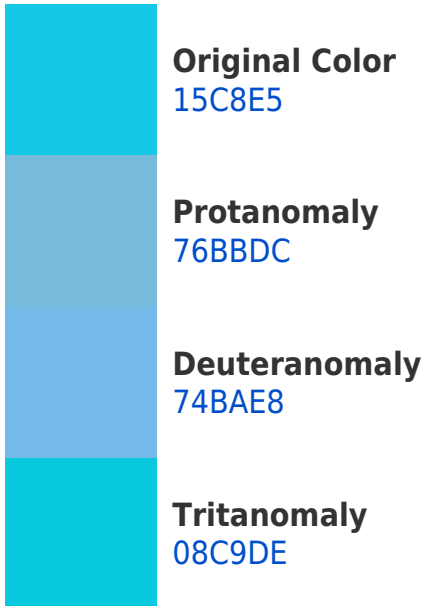
Dichromacy





Tritanopia
00C9DA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 15C8E5 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 #15C8E5 looks like.

```
.text, #text, p{  
    color:#15C8E5  
}
```

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 #15C8E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15C8E5
}
```

Border

The CSS property to change the border of an element to Hex 15C8E5 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
#15C8E5 }
```

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

```
.border{ border-color:#15C8E5 }
```

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

Here you see how a box with a 4 pixel #15C8E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15C8E5; -webkit-box-shadow:4px 4px  
4px 4px #15C8E5; box-shadow:4px 4px 4px  
4px #15C8E5 }
```

Background

The CSS property to change the background color of an element to Hex 15C8E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15C8E5 }
```

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

```
.background{ background-color:#15C8E5 }
```

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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