

Converting Colors

Hex(1C8EB0)

Have a look what the booklet for
Hex(1C8EB0) contains.

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Color

Hex(1C8EB0)

Conversions

Conversions Part 1

Format	Color
Hex	1C8EB0
RGB	28, 142, 176
RGB Percent	11%, 56%, 69%
CMY	0.8902, 0.4431, 0.3098
CMYK	0.84, 0.19, 0.00, 0.31
HSL	194°, 73%, 40%
HSV	194°, 84%, 69%
XYZ	17.9884, 22.7275, 44.5130
YIQ	111.7900, -78.8580, -13.5940

Conversions

Conversions Part 2

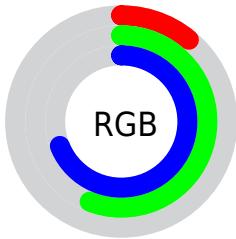
Format	Color
R_{YB}	28, 92, 176
Decimal	1871536
CIE _{Lab}	54.79, -18.06, -26.38
CIE _{LCh}	55, 31.973, 235.605
Yxy	22.7275, 0.2111, 0.2667
Android (android.graphics.Color)	4280061616 (0xFF1C8EB0)
YUV	111.7900, 31.6555, -73.4838
Hunter-Lab	47.6733, -16.0757, -21.9883

Details

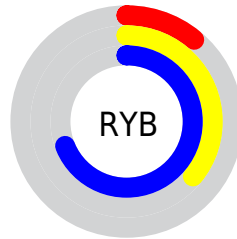
The Hex color **1C8EB0** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B03E1C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **65C4E8**, and **005C7B** is the 20% darker color. If you saturate the color by 10%, you get **0A8AB0**, and if you desaturate by 10%, it is **2E92B0**.

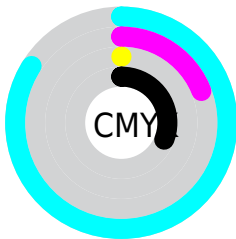
Distribution



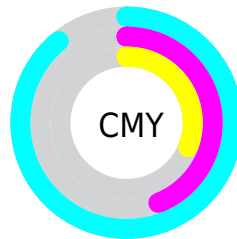
- Red (11%)
- Green (56%)
- Blue (69%)



- Red (11%)
- Yellow (36%)
- Blue (69%)



- Cyan (84%)
- Magenta (19%)
- Yellow (0%)
- Black (31%)



- Cyan (89%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C8EB0 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 1C8EB0 by changing the saturation by 10% instead.

1C8EB0

1C8EB0

FFFFFF

007495

65C4E8

005C7B

83E0FF

004462

A0FCFF

002E4A

BEFFFF

001B33

DCFFFF

00021E

FAFFFF

000000

1C8EB0

1C8EB0

0A8AB0

2E92B0

0088B0

3F96B0

519AB0

629EB0

74A2B0

86A6B0

97AAB0

A9AEB0

BAB2B0

Harmonies

Analogous

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



01919A



1C8EB0



5387BA

Triad

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



1C8EB0



B56E88



7D8950

Complementary

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



1C8EB0



B03E1C

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.



99804C



1C8EB0



B96F6D

Square

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



1C8EB0



A274A3



AE7656



5C8F63

Rectangle

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



1C8EB0



7281B8



AE7656



87864D

Sweetspot

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



1C8EB0



ACD8E6



1CB03C



506B73



F2F2F2



737373

Same Dimension

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



1C8EB0



00B1E6



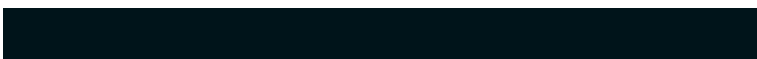
1C46B0



505759



007699



00141A

Inverse Universe

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



B01C8E



E600B1



B0861C



595057



990076



1A0014

Previews

White Background



This preview shows how the Hex color 1C8EB0 looks on a white background.

Color Contrast Check

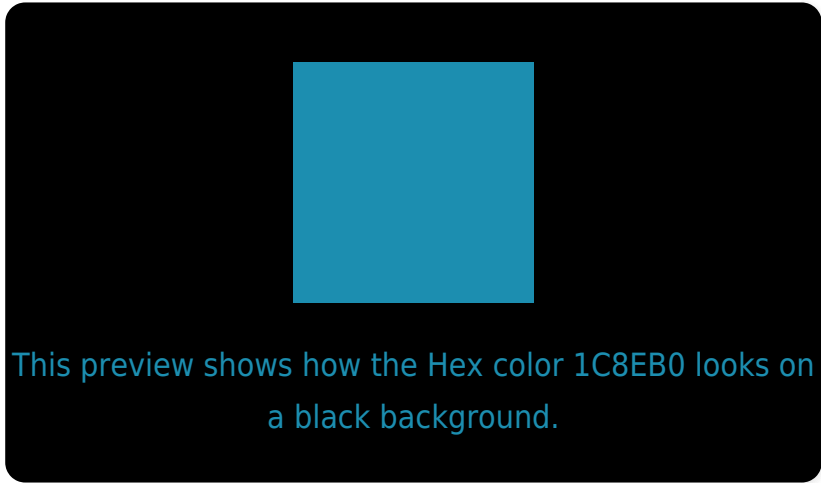
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

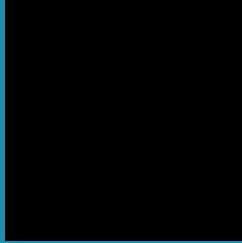
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1C8EB0 Background



This preview shows how black text looks on a background with the Hex color 1C8EB0.



This preview shows how white text looks on a background with the Hex color 1C8EB0.

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](#).

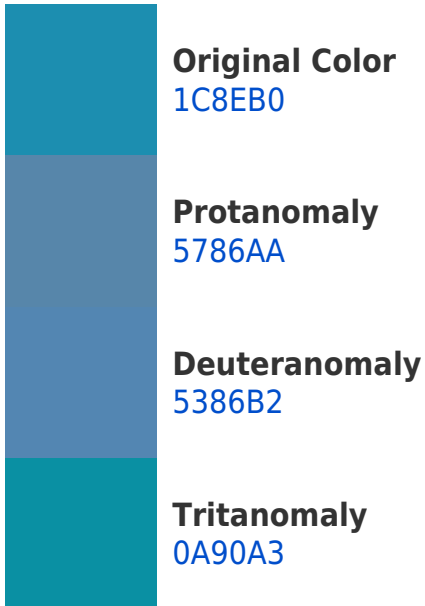
Dichromacy





Tritanopia
00919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C8EB0 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 #1C8EB0 looks like.

```
.text, #text, p{  
    color:#1C8EB0  
}
```

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 #1C8EB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8EB0
}
```

Border

The CSS property to change the border of an element to Hex 1C8EB0 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
#1C8EB0 }
```

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

```
.border{ border-color:#1C8EB0 }
```

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

Here you see how a box with a 4 pixel #1C8EB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8EB0; -webkit-box-shadow:4px 4px  
4px 4px #1C8EB0; box-shadow:4px 4px 4px  
4px #1C8EB0 }
```

Background

The CSS property to change the background color of an element to Hex 1C8EB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8EB0 }
```

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

```
.background{ background-color:#1C8EB0 }
```

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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