

Converting Colors

Hex(90C7D7)

Have a look what the booklet for
Hex(90C7D7) contains.

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Color

Hex(90C7D7)

Conversions

Conversions Part 1

Format	Color
Hex	90C7D7
RGB	144, 199, 215
RGB Percent	56%, 78%, 84%
CMY	0.4353, 0.2196, 0.1569
CMYK	0.33, 0.07, 0.00, 0.16
HSL	194°, 47%, 70%
HSV	194°, 33%, 84%
XYZ	44.1908, 51.6824, 71.9366
YIQ	184.3790, -37.9160, -6.6840

Conversions

Conversions Part 2

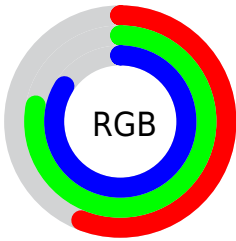
Format	Color
RYB	144, 175, 215
Decimal	9488343
CIELab	77.09, -13.90, -13.69
CIElCh	77, 19.513, 224.555
Yxy	51.6824, 0.2633, 0.3080
Android (android.graphics.Color)	4287678423 (0xFF90C7D7)
YUV	184.3790, 15.0962, -35.4124
Hunter-Lab	71.8905, -16.0852, -9.0047

Details

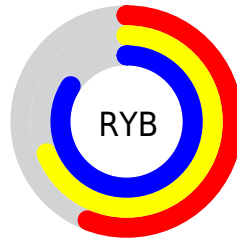
The Hex color **90C7D7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D7A090**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **C8FFFF**, and **5A91A0** is the 20% darker color. If you saturate the color by 10%, you get **7AC2D7**, and if you desaturate by 10%, it is **A6CCD7**.

Distribution



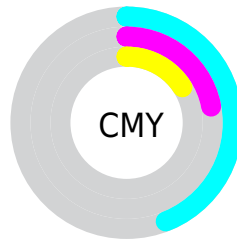
- Red (56%)
- Green (78%)
- Blue (84%)



- Red (56%)
- Yellow (69%)
- Blue (84%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (44%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90C7D7 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 90C7D7 by changing the saturation by 10% instead.

 90C7D7

 90C7D7

FFFFFF

 75ACBB

 C8FFFF

 5A91A0

 E4FFFF

 407786

 255F6D

 004754

 00303D

 001C27

 000113

 000000

90C7D7

90C7D7

7AC2D7

A6CCD7

65BDD7

BBD1D7

4FB8D7

D1D6D7

3AB4D7

E6DAD7

25AFD7

FCDFD7

0FAAD7

FFE4D7

00A7D7

FFE9D7

FFEE7

FFF3D7

Harmonies

Analogous

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



8FC9C7



90C7D7



9FC3E1

Triad

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



90C7D7



DDB3C8



C3C09B

Complementary

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



90C7D7



D7A090

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.



D5BA9C



90C7D7



E4B2B6

Square

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



90C7D7



CCB7D8



E1B5A6



AFC5A4

Rectangle

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



90C7D7



ADBFE2



E1B5A6



CABE9A

Sweetspot

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



90C7D7



E6F9FF



90D79F



707C80



000000



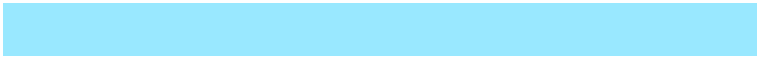
808080

Same Dimension

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



90C7D7



99E8FF



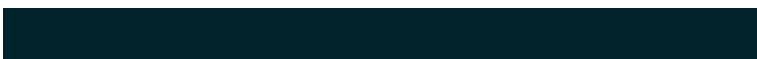
90A4D7



60696B



0084AB



00222B

Inverse Universe

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



D790C7



FF99E8



D7C390



6B6069



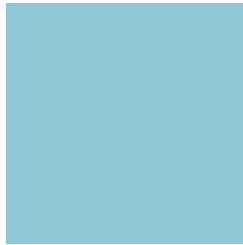
AB0084



2B0022

Previews

White Background



This preview shows how the Hex color 90C7D7 looks on a white background.

Color Contrast Check

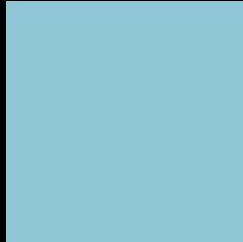
Large Text (above 18pt) WCAG AA × Fail

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 90C7D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

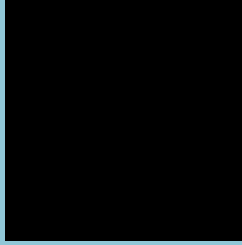
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

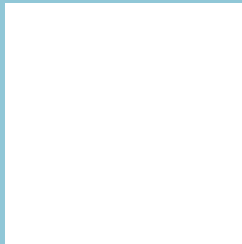
Any Text WCAG AAA ✓ Pass

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

Hex 90C7D7 Background



This preview shows how black text looks on a background with the Hex color 90C7D7.

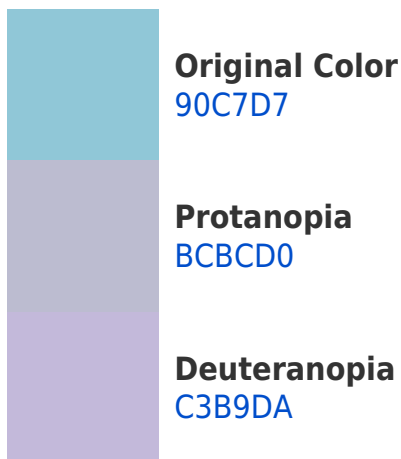


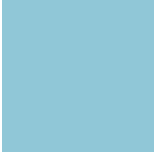
This preview shows how white text looks on a background with the Hex color 90C7D7.

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](#).

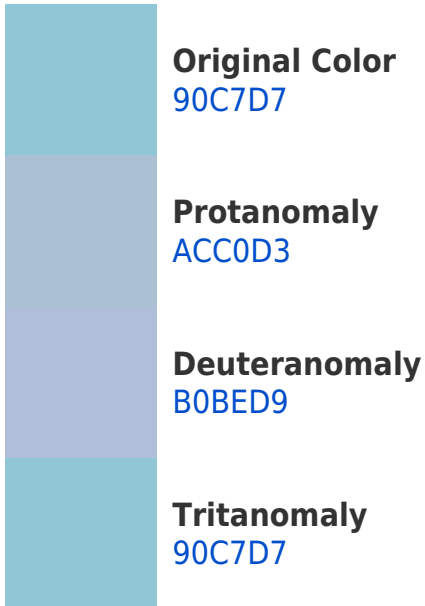
Dichromacy



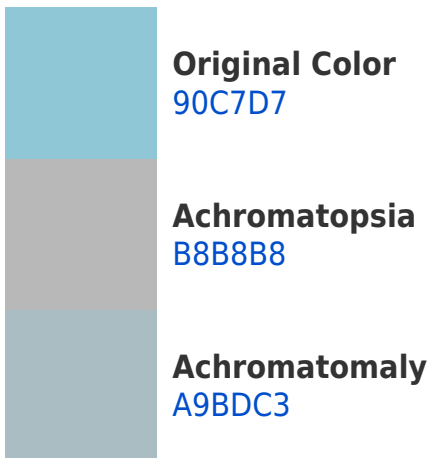


Tritanopia
90C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90C7D7 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 #90C7D7 looks like.

```
.text, #text, p{  
    color:#90C7D7  
}
```

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 #90C7D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90C7D7
}
```

Border

The CSS property to change the border of an element to Hex 90C7D7 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
#90C7D7 }
```

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

```
.border{ border-color:#90C7D7 }
```

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

Here you see how a box with a 4 pixel #90C7D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90C7D7; -webkit-box-shadow:4px 4px  
4px 4px #90C7D7; box-shadow:4px 4px 4px  
4px #90C7D7 }
```

Background

The CSS property to change the background color of an element to Hex 90C7D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90C7D7 }
```

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

```
.background{ background-color:#90C7D7 }
```

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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