

Converting Colors

Hex(90CBEC)

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

Hex(90CBEC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(90CBEC)

Conversions

Conversions Part 1

Format	Color
Hex	90CBEC
RGB	144, 203, 236
RGB Percent	56%, 80%, 93%
CMY	0.4353, 0.2039, 0.0745
CMYK	0.39, 0.14, 0.00, 0.07
HSL	202°, 71%, 75%
HSV	202°, 39%, 93%
XYZ	47.9979, 54.6973, 87.3848
YIQ	189.1210, -45.7570, -2.2450

Conversions

Conversions Part 2

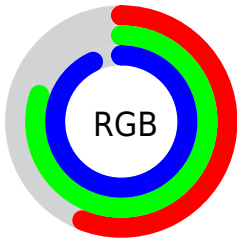
Format	Color
RYB	144, 180, 236
Decimal	9489388
CIELab	78.87, -10.74, -22.30
CIElCh	79, 24.750, 244.279
Yxy	54.6973, 0.2525, 0.2878
Android (android.graphics.Color)	4287679468 (0xFF90CBEC)
YUV	189.1210, 23.1113, -39.5711
Hunter-Lab	73.9576, -13.5809, -18.2839

Details

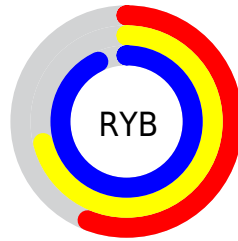
The Hex color **90CBEC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **ECB190**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C9FFFF**, and **5995B4** is the 20% darker color. If you saturate the color by 10%, you get **78C3EC**, and if you desaturate by 10%, it is **A8D3EC**.

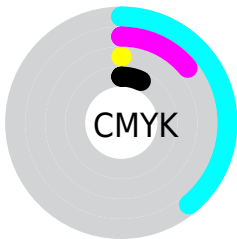
Distribution



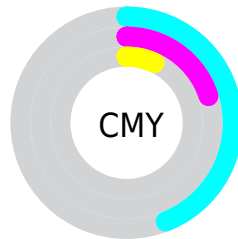
- Red (56%)
- Green (80%)
- Blue (93%)



- Red (56%)
- Yellow (71%)
- Blue (93%)



- Cyan (39%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (44%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

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

■ 90CBEC

■ 90CBEC

FFFFFF

■ 74B0D0

■ C9FFFF

■ 5995B4

■ E6FFFF

■ 3D7B99

■ 1D627F

■ 004A66

■ 00344E

■ 001F37

■ 000222

■ 000008

■ 90CBEC

■ 90CBEC

■ 78C3EC

■ A8D3EC

■ 61BAEC

■ BFDCEC

■ 49B2EC

■ D7E4EC

■ 32A9EC

■ EEEDEC

■ 1AA1EC

■ FFF5EC

■ 0298EC

■ FFFEEC

■ 0097EC

■ FFFFEC

Harmonies

Analogous

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



82CFDC



90CBEC



ACC4F1

Triad

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



90CBEC



F1B3C1



B8CA9D

Complementary

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



90CBEC



ECB190

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.



D1C395



90CBEC



F1B5AA

Square

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



90CBEC



E4B6D8



E6BB9A



9ECEAF

Rectangle

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



90CBEC



C1BFED



E6BB9A



C1C899

Sweetspot

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



90CBEC



E0F4FF



90ECB0



6E7980



000000



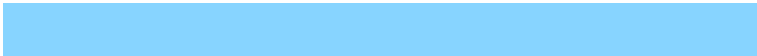
808080

Same Dimension

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



90CBEC



87D4FF



909EEC



6A7175



0074B5



002236

Inverse Universe

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



EC90CB



FF87D4



ECDE90



756A71



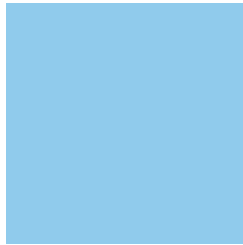
B50074



360022

Previews

White Background



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

Color Contrast Check

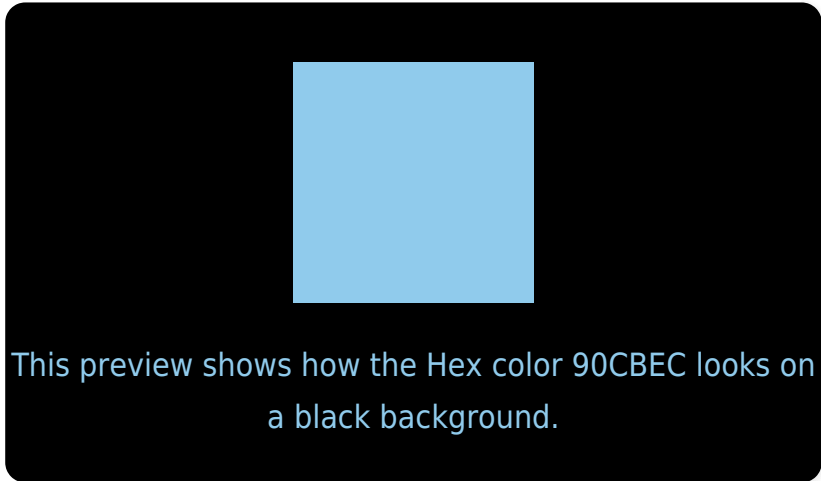
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

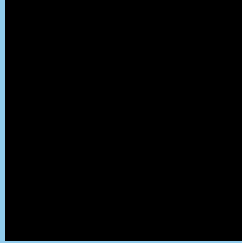
Any Text WCAG AA ✓ Pass

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 90CBEC Background



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



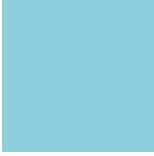
This preview shows how white text looks on a background with the Hex color 90CBEC.

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](#).

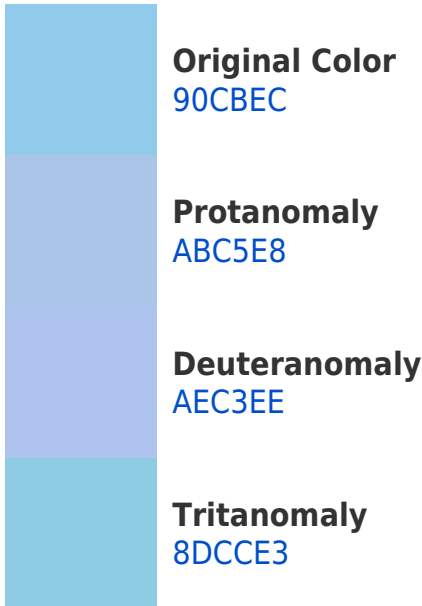
Dichromacy



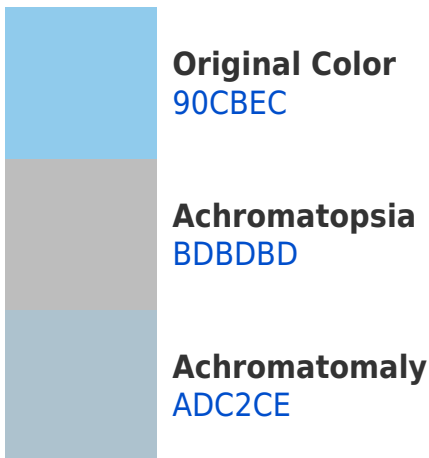


Tritanopia
8CCDDE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #90CBEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor