

Converting Colors

RGB(130, 255, 221)

Have a look what the booklet for
RGB(130, 255, 221) contains.

RGB(130, 255, 221)	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

RGB(130, 255, 221)

Conversions

Conversions Part 1

Format	Color
Hex	82FFDD
RGB	130, 255, 221
RGB Percent	51%, 100%, 87%
CMY	0.4902, 0.0000, 0.1333
CMYK	0.49, 0.00, 0.13, 0.00
HSL	164°, 100%, 75%
HSV	164°, 49%, 100%
XYZ	58.0171, 81.4863, 81.0772
YIQ	213.7490, -63.5860, -37.0740

Conversions

Conversions Part 2

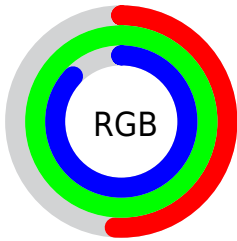
Format	Color
RYB	130, 202, 255
Decimal	8585181
CIELab	92.35, -42.88, 5.53
CIELCh	92, 43.231, 172.652
Yxy	81.4863, 0.2630, 0.3694
Android (android.graphics.Color)	4286775261 (0xFF82FFDD)
YUV	213.7490, 3.5747, -73.4479
Hunter-Lab	90.2698, -43.2487, 9.9366

Details

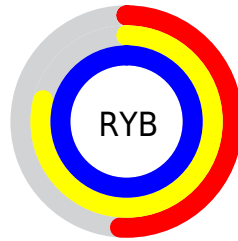
The RGB color **130, 255, 221** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 130, 164**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **189, 255, 255**, and **68, 198, 166** is the 20% darker color. If you saturate the color by 10%, you get **105, 255, 214**, and if you desaturate by 10%, it is **155, 255, 228**.

Distribution



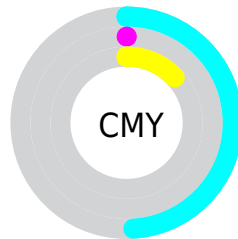
- Red (51%)
- Green (100%)
- Blue (87%)



- Red (51%)
- Yellow (79%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 255, 221 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 RGB color 130, 255, 221 by changing the saturation by 10% instead.

 130, 255, 221

255, 255, 255


 189, 255, 255


 219, 255, 255

 250, 255, 255


 130, 255, 221

 100, 226, 193

 68, 198, 166

 26, 170, 140

 0, 143, 114

 0, 117, 90

 0, 91, 66

 0, 67, 44

 0, 44, 24

 0, 15, 0

 130, 255, 221

 130, 255, 221

 105, 255, 214

 155, 255, 228

 79, 255, 207

 181, 255, 235

 53, 255, 200

 207, 255, 242

 28, 255, 193

 232, 255, 249

 2, 255, 186

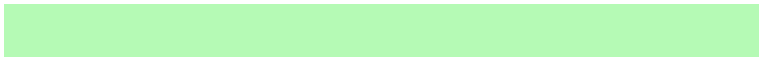
255, 255, 255

 0, 255, 186

Harmonies

Analogous

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



181, 250, 181



130, 255, 221



87, 255, 255

Triad

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



130, 255, 221



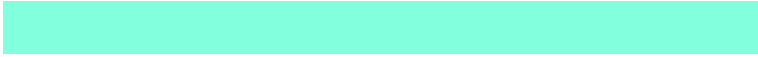
224, 226, 255



255, 213, 169

Complementary

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



130, 255, 221



255, 130, 164

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.



255, 203, 203



130, 255, 221



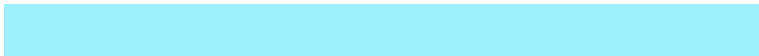
255, 211, 255

Square

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



130, 255, 221



159, 240, 255



255, 202, 245



255, 227, 151

Rectangle

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



130, 255, 221



86, 253, 255



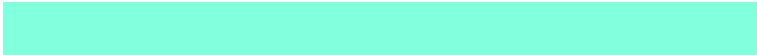
255, 202, 245



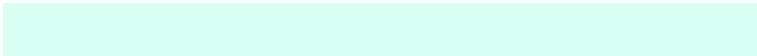
255, 209, 179

Sweetspot

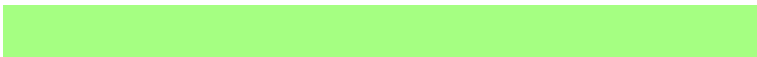
The Sweet Spot groups the original color and five complimentary colors.



130, 255, 221



217, 255, 245



165, 255, 130



105, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

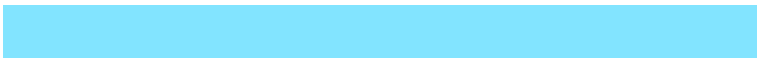
The Same Dimension uses a secret algorithm to generate beautiful new colors.



130, 255, 221



105, 255, 214



130, 228, 255



115, 128, 124



0, 191, 139



0, 64, 46

Inverse Universe

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



255, 130, 164



255, 105, 145



255, 157, 130



128, 115, 118



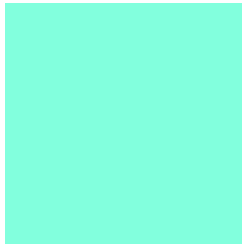
191, 0, 52



64, 0, 17

Previews

White Background



This preview shows how the RGB color 130, 255, 221 looks on a white background.

Color Contrast Check

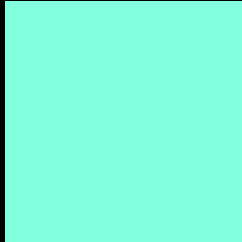
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 130, 255, 221 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](#).

RGB 130, 255, 221 Background



This preview shows how black text looks on a background with the RGB color 130, 255, 221.

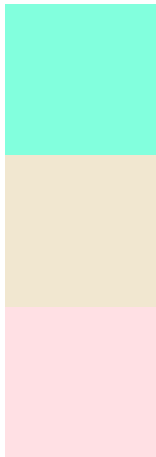


This preview shows how white text looks on a background with the RGB color 130, 255, 221.

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



Original Color
130, 255, 221

Protanopia
241, 231, 208

Deuteranopia
255, 224, 228



Tritanopia
184, 242, 255

Trichromacy



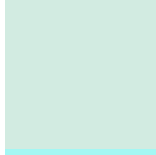
Original Color

130, 255, 221



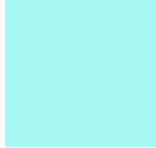
Protanomaly

201, 240, 213



Deuteranomaly

210, 235, 225



Tritanomaly

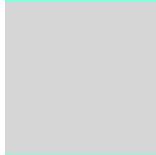
164, 247, 243

Monochromacy



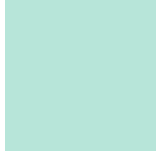
Original Color

130, 255, 221



Achromatopsia

214, 214, 214



Achromatomaly

183, 229, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 255, 221 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 `rgb(130, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(130, 255, 221)  
}
```

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 rgb(130, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 255, 221) }
```

Border

The CSS property to change the border of an element to RGB 130, 255, 221 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 rgb(130, 255, 221) }
```

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

```
.border{ border-color:rgb(130, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(130, 255,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 130, 255, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 255, 221) }
```

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

```
.background{ background-color: rgb(130,  
255, 221) }
```

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