

Converting Colors

RGB(178, 255, 221)

Have a look what the booklet for
RGB(178, 255, 221) contains.

RGB(178, 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(178, 255, 221)

Conversions

Conversions Part 1

Format	Color
Hex	B2FFDD
RGB	178, 255, 221
RGB Percent	70%, 100%, 87%
CMY	0.3020, 0.0000, 0.1333
CMYK	0.30, 0.00, 0.13, 0.00
HSL	154°, 100%, 85%
HSV	154°, 30%, 100%
XYZ	67.1712, 86.2054, 81.5056
YIQ	228.1010, -34.9780, -26.8980

Conversions

Conversions Part 2

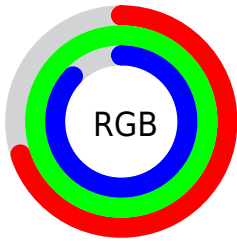
Format	Color
RYB	178, 227, 255
Decimal	11730909
CIELab	94.40, -30.50, 8.75
CIElCh	94, 31.726, 163.992
Yxy	86.2054, 0.2860, 0.3670
Android (android.graphics.Color)	4289920989 (0xFFB2FFDD)
YUV	228.1010, -3.5008, -43.9386
Hunter-Lab	92.8469, -33.3440, 12.9451

Details

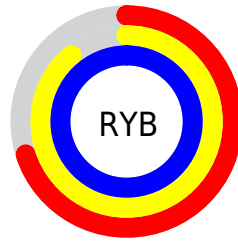
The RGB color **178, 255, 221** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **255, 178, 212**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **235, 255, 255**, and **123, 198, 166** is the 20% darker color. If you saturate the color by 10%, you get **152, 255, 210**, and if you desaturate by 10%, it is **203, 255, 232**.

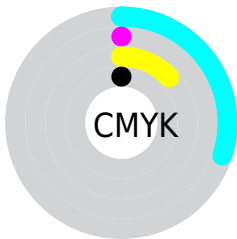
Distribution



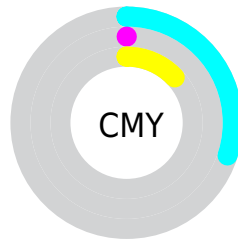
- Red (70%)
- Green (100%)
- Blue (87%)



- Red (70%)
- Yellow (89%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 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 178, 255, 221 by changing the saturation by 10% instead.

 178, 255, 221


255, 255, 255


 235, 255, 255


 178, 255, 221

 150, 226, 193

 123, 198, 166

 96, 170, 140

 70, 144, 114

 42, 118, 90

 7, 93, 66

 0, 69, 44

 0, 45, 23

 0, 24, 0

■ 178, 255, 221

■ 178, 255, 221

■ 152, 255, 210

■ 203, 255, 232

■ 127, 255, 198

■ 229, 255, 244

■ 101, 255, 187

255, 255, 255

■ 76, 255, 176

255, 255, 255

■ 50, 255, 165

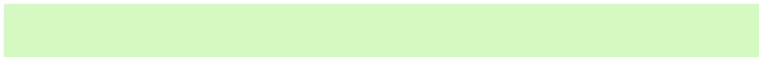
■ 25, 255, 153

■ 0, 255, 142

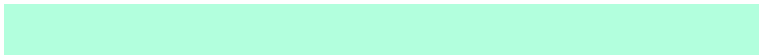
Harmonies

Analogous

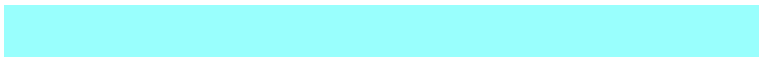
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212, 250, 194



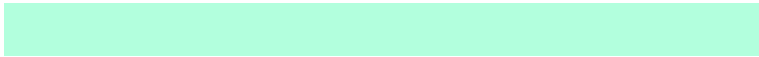
178, 255, 221



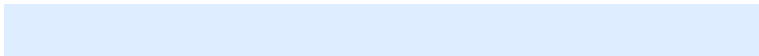
153, 255, 253

Triad

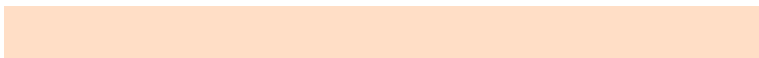
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



178, 255, 221



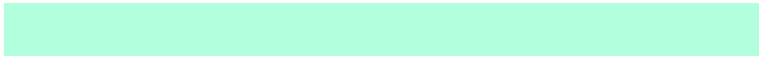
222, 237, 255



255, 222, 198

Complementary

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



178, 255, 221



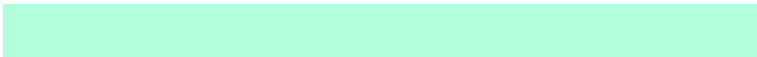
255, 178, 212

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, 217, 225



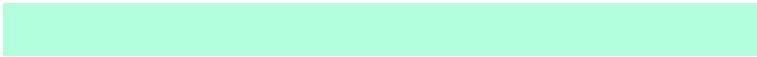
178, 255, 221



255, 226, 255

Square

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



178, 255, 221



180, 247, 255



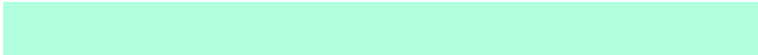
255, 219, 255



255, 231, 181

Rectangle

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



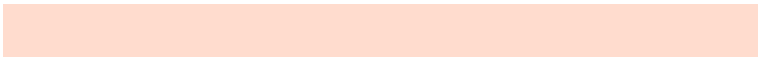
178, 255, 221



149, 255, 255



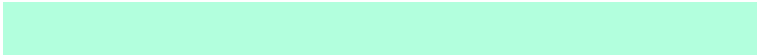
255, 219, 255



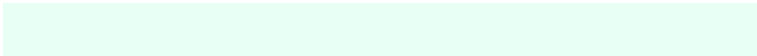
255, 220, 206

Sweetspot

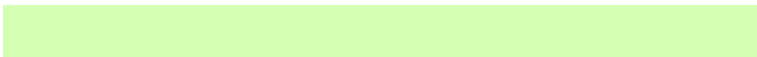
The Sweet Spot groups the original color and five complimentary colors.



178, 255, 221



232, 255, 245



213, 255, 178



113, 128, 121



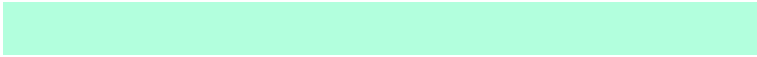
0, 0, 0



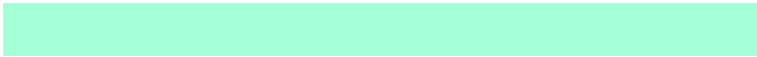
128, 128, 128

Same Dimension

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



178, 255, 221



163, 255, 214



178, 251, 255



115, 128, 122



0, 191, 107



0, 64, 36

Inverse Universe

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



255, 178, 212



255, 163, 204



255, 182, 178



128, 115, 120



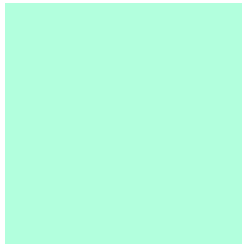
191, 0, 84



64, 0, 28

Previews

White Background



This preview shows how the RGB color 178, 255, 221 looks on a white background.

Color Contrast Check

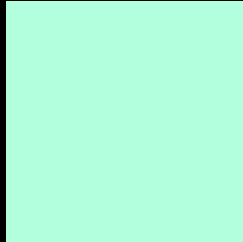
Large Text (above 18pt) WCAG AA × Fail

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 178, 255, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

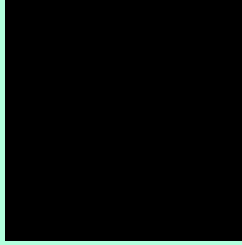
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

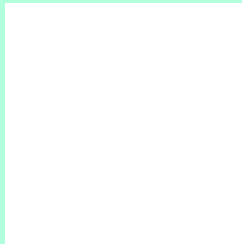
Any Text WCAG AAA ✓ Pass

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

RGB 178, 255, 221 Background



This preview shows how black text looks on a background with the RGB color 178, 255, 221.

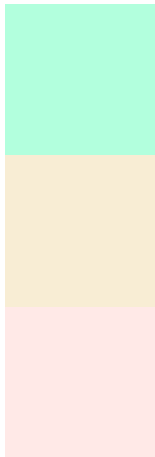


This preview shows how white text looks on a background with the RGB color 178, 255, 221.

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
178, 255, 221

Protanopia
248, 237, 212

Deuteranopia
255, 233, 231



Tritanopia

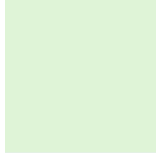
212, 244, 255

Trichromacy



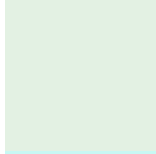
Original Color

178, 255, 221



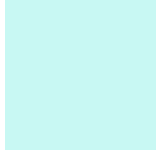
Protanomaly

223, 244, 215



Deuteranomaly

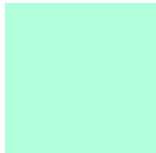
227, 241, 227



Tritanomaly

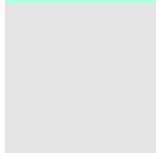
200, 248, 243

Monochromacy



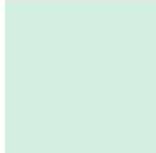
Original Color

178, 255, 221



Achromatopsia

228, 228, 228



Achromatomaly

210, 238, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 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(178, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 255, 221) }
```

Border

The CSS property to change the border of an element to RGB 178, 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(178, 255, 221) }
```

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

```
.border{ border-color:rgb(178, 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(178, 255, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(178, 255,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 178, 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(178, 255, 221) }
```

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

```
.background{ background-color: rgb(178,  
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](#).

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