

Converting Colors

`RYB(178, 227, 254)`

Have a look what the booklet for
RYB(178, 227, 254) contains.

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Color

`RYB(178, 227, 254)`

Conversions

Conversions Part 1

Format	Color
Hex	B2FEDC
RGB	178, 254, 220
RGB Percent	70%, 100%, 86%
CMY	0.3020, 0.0039, 0.1377
CMYK	0.30, 0.00, 0.13, 0.00
HSL	153°, 97%, 85%
HSV	153°, 30%, 100%
XYZ	66.7040, 85.5094, 80.6144
YIQ	227.4000, -34.3820, -26.6860

Conversions

Conversions Part 2

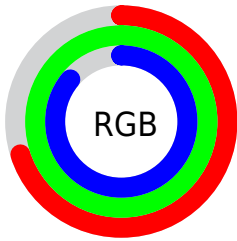
Format	Color
R _{YB}	178, 227, 254
Decimal	11730652
CIE Lab	94.10, -30.25, 8.90
CIE LCh	94, 31.528, 163.604
Yxy	85.5094, 0.2865, 0.3673
Android (android.graphics.Color)	4289920732 (0xFFB2FEDC)
YUV	227.4000, -3.6482, -43.3238
Hunter-Lab	92.4713, -33.0642, 13.0422

Details

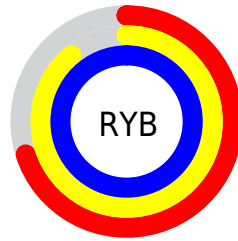
The RYB color **178, 227, 254** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **254, 178, 212**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **235, 245, 255**, and **123, 170, 197** is the 20% darker color. If you saturate the color by 10%, you get **153, 218, 254**, and if you desaturate by 10%, it is **203, 236, 254**.

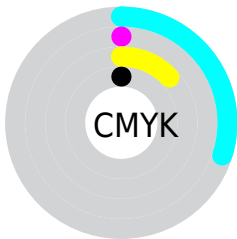
Distribution



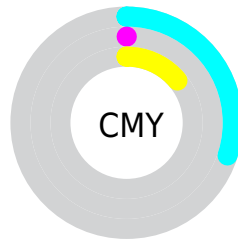
- Red (70%)
- Green (100%)
- Blue (86%)



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



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



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 227, 254 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 RYB color 178, 227, 254 by changing the saturation by 10% instead.

 178, 227, 254


255, 255, 255


 235, 245, 255

 178, 227, 254

 150, 198, 225

 123, 170, 197


 96, 143, 170

 70, 116, 143

 43, 89, 117

 8, 58, 92

 0, 42, 68

 0, 30, 45

 0, 23, 23

■ 178, 227, 254

■ 178, 227, 254

■ 153, 218, 254

■ 203, 236, 254

■ 127, 209, 254

■ 229, 245, 254

■ 102, 200, 254

■ 254, 254, 254

■ 76, 191, 254

■ 255, 254, 255

■ 51, 182, 254

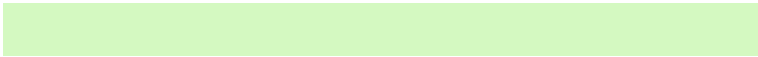
■ 26, 173, 254

■ 0, 164, 254

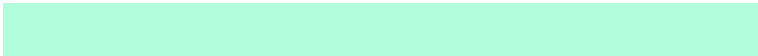
Harmonies

Analogous

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



193, 249, 230



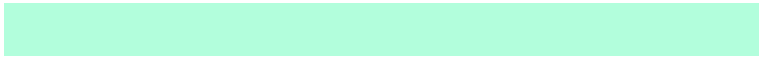
178, 227, 254



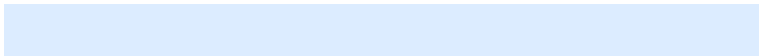
153, 205, 255

Triad

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



178, 227, 254



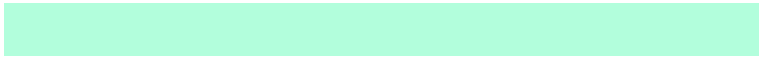
220, 231, 255



255, 238, 197

Complementary

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



178, 227, 254



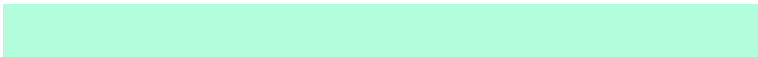
254, 178, 212

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, 216, 225



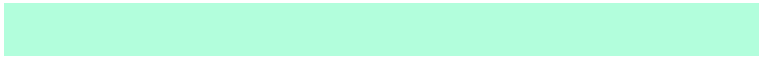
178, 227, 254



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, 227, 254



179, 215, 255



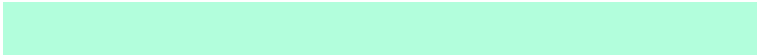
255, 218, 255



218, 255, 180

Rectangle

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



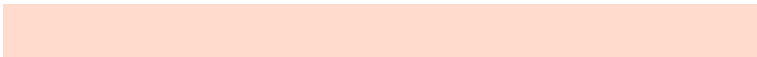
178, 227, 254



149, 202, 255



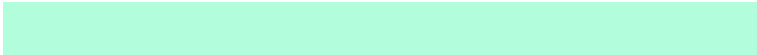
255, 218, 255



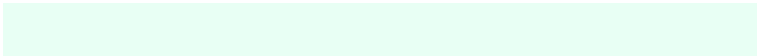
255, 224, 206

Sweetspot

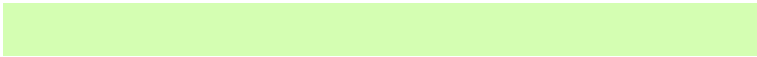
The Sweet Spot groups the original color and five complimentary colors.



178, 227, 254



232, 247, 255



178, 254, 220



113, 123, 128



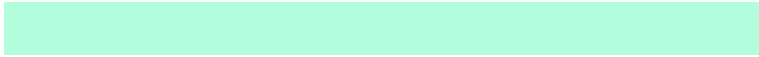
0, 0, 0



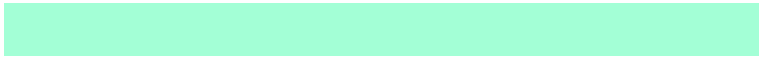
128, 128, 128

Same Dimension

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



178, 227, 254



163, 222, 255



178, 215, 254



115, 123, 128



0, 123, 191



0, 41, 64

Inverse Universe

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



254, 178, 212



255, 163, 204



254, 182, 178



128, 115, 120



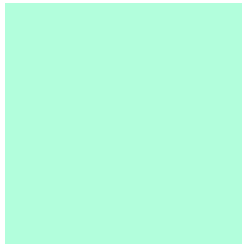
191, 0, 86



64, 0, 29

Previews

White Background



This preview shows how the RYB color 178, 227, 254 looks on a white background.

Color Contrast Check

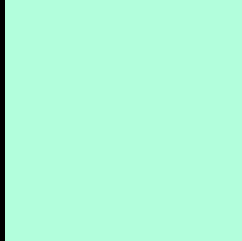
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 178, 227, 254 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

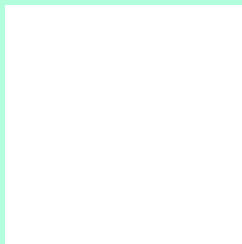
Any Text WCAG AAA ✓ Pass

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

RYB 178, 227, 254 Background



This preview shows how black text looks on a background with the RYB color 178, 227, 254.

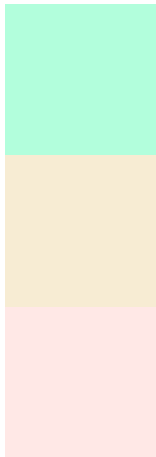


This preview shows how white text looks on a background with the RYB color 178, 227, 254.

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, 227, 254

Protanopia
227, 247, 211

Deuteranopia
255, 232, 230



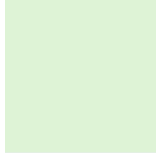
Tritanopia
210, 229, 255

Trichromacy



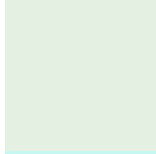
Original Color

178, 227, 254



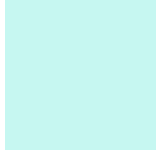
Protanomaly

214, 243, 235



Deuteranomaly

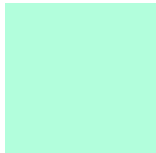
226, 240, 239



Tritanomaly

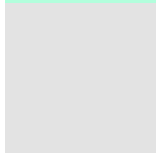
198, 224, 247

Monochromacy



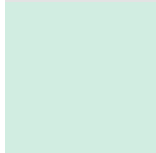
Original Color

178, 227, 254



Achromatopsia

227, 227, 227



Achromatomaly

209, 227, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 227, 254 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, 254, 220)` looks like.

```
.text, #text, p{  
    color:rgb(178, 254, 220)  
}
```

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, 254, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 254, 220) }
```

Border

The CSS property to change the border of an element to RYB 178, 227, 254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

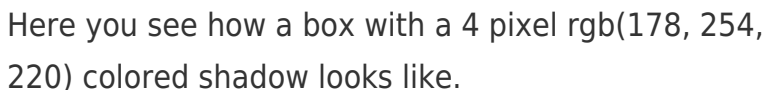
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 254, 220) }
```

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

```
.border{ border-color:rgb(178, 254, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 254, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 254, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 254, 220);  
box-shadow:4px 4px 4px 4px rgb(178, 254,  
220) }
```

Background

The CSS property to change the background color of an element to RYB 178, 227, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 254, 220) }
```

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

```
.background{ background-color: rgb(178,  
254, 220) }
```

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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