Converting Colors

RYB(181, 252, 252)

Have a look what the booklet for RYB(181, 252, 252) contains.

Color

RYB(181, 252, 252)

Conversions

Conversions Part 1

Format	Color
Hex	B5FCB5
RGB	181, 252, 181
RGB Percent	71%, 99%, 71%
CMY	0.2902, 0.0118, 0.2902
CMYK	0.28, 0.00, 0.28, 0.01
HSL	120°, 92%, 85%
HSV	120°, 28%, 99%
XYZ	62.2069, 82.7808, 56.4157
YIQ	222.6770, -19.5250, -37.1330

Conversions

Conversions Part 2

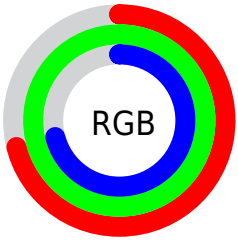
Format	Color
RYB	181, 252, 252
Decimal	11926709
CIELab	92.92, -35.36, 27.15
CIELCh	93, 44.585, 142.480
Yxy	82.7808, 0.3089, 0.4110
Android (android.graphics.Color)	4290116789 (0xFFB5FCB5)
YUV	222.6770, -20.5468, -36.5507
Hunter-Lab	90.9839, -37.1790, 26.9253

Details

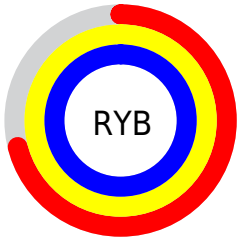
The RYB color 181, 252, 252 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 252, 181, 252, and the grayscale version is 223, 223, 223.

A 20% lighter version of the original color is 237, 255, 254, and 126, 193, 195 is the 20% darker color. If you saturate the color by 10%, you get 156, 252, 252, and if you desaturate by 10%, it is 206, 252, 252.

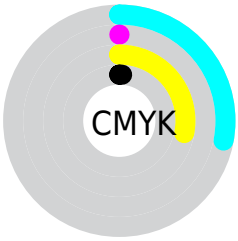
Distribution



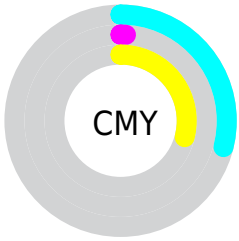
- Red (71%)
- Green (99%)
- Blue (71%)



- Red (71%)
- Yellow (99%)
- Blue (99%)



- Cyan (28%)
- Magenta (0%)
- Yellow (28%)
- Black (1%)



- Cyan (29%)
- Magenta (1%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 252, 252 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 181, 252, 252 by changing the saturation by 10% instead.

181, 252, 252

255, 255, 255

237, 255, 254

181, 252, 252

153, 222, 223

126, 193, 195

99, 165, 168

73, 136, 141

47, 109, 115

16, 78, 90

0, 59, 66

0, 43, 43

0, 18, 18

181, 252, 252

156, 252, 252

131, 252, 252

105, 252, 252

80, 252, 252

55, 252, 252

30, 252, 252

5, 252, 252

0, 252, 252

181, 252, 252

206, 252, 252

231, 252, 252

255, 252, 255

Harmonies

Analogous

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

154, 242, 165

181, 252, 252

127, 200, 255

Triad

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

181, 252, 252

157, 203, 255

255, 203, 204

Complementary

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

181, 252, 252

252, 181, 252

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, 247

181, 252, 252

225, 228, 255

Square

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

181, 252, 252

91, 172, 255

255, 212, 255

246, 255, 168

Rectangle

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

181, 252, 252

93, 175, 255

255, 212, 255

255, 202, 218

Sweetspot

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

181, 252, 252

235, 255, 255

181, 252, 181

115, 128, 128

0, 0, 0

128, 128, 128

Same Dimension

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

181, 252, 252

168, 255, 255

181, 228, 252

112, 125, 125

0, 189, 189

0, 61, 61

Inverse Universe

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

252, 181, 252

255, 168, 255

252, 181, 217

125, 112, 125

189, 0, 189

61, 0, 61

Previews

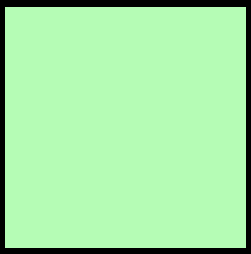
White Background

This preview shows how the RYB color 181, 252, 252 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



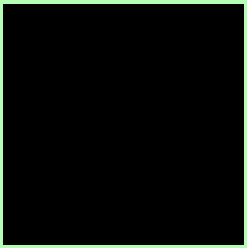
This preview shows how the RYB color 181, 252, 252 looks on a black background.

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 181, 252, 252 Background



This preview shows how black text looks on a background with the RYB color 181, 252, 252.

This preview shows how white text looks on a background with the RYB color 181, 252, 252.

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
181, 252, 252

Protanopia
196, 251, 173

Deuteranopia
255, 241, 211

Tritanopia
205, 226, 255

Trichromacy

Original Color
181, 252, 252

Protanomaly
176, 240, 190

Deuteranomaly
200, 237, 209

Tritanomaly
196, 225, 244

Monochromacy

Original Color
181, 252, 252

Achromatopsia
223, 223, 223

Achromatomaly
208, 234, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 252, 252 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(181, 252, 181) looks like.

```
.text, #text, p{
    color:rgb(181, 252, 181)
}
```

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(181, 252, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 252, 181) }
```

Border

The CSS property to change the border of an element to RYB 181, 252, 252 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(181, 252, 181) }
```

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

```
.border{ border-color:rgb(181, 252, 181) }
```

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

Here you see how a box with a 4 pixel rgb(181, 252, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 252, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 252, 181); box-shadow:4px 4px 4px 4px rgb(181, 252, 181) }
```

Background

The CSS property to change the background color of an element to RYB 181, 252, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(181, 252, 181) }
```

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

```
.background{ background-color:rgb(181,
252, 181) }
```

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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