Converting Colors

RYB(182, 243, 236)

Have a look what the booklet for RYB(182, 243, 236) contains.

Color

RYB(182, 243, 236)

Conversions

Conversions Part 1

Format	Color
Hex	BDF3B6
RGB	189, 243, 182
RGB Percent	74%, 95%, 71%
CMY	0.2588, 0.0471, 0.2863
CMYK	0.22, 0.00, 0.25, 0.05
HSL	113°, 72%, 83%
HSV	113°, 25%, 95%
XYZ	61.4804, 78.2974, 56.1285
YIQ	219.9000, -12.6030, -30.4190

Conversions

Conversions Part 2

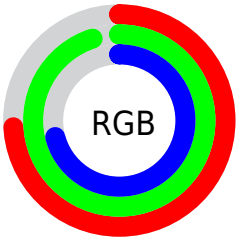
Format	Color
RYB	182, 243, 236
Decimal	12448694
CIELab	90.92, -28.43, 23.97
CIELCh	91, 37.185, 139.856
Yxy	78.2974, 0.3138, 0.3997
Android (android.graphics.Color)	4290638774 (0xFFBDF3B6)
YUV	219.9000, -18.6847, -27.0993
Hunter-Lab	88.4858, -30.8276, 24.3311

Details

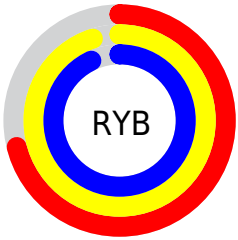
The RYB color 182, 243, 236 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 236, 182, 243, and the grayscale version is 220, 220, 220.

A 20% lighter version of the original color is 238, 255, 247, and 129, 187, 181 is the 20% darker color. If you saturate the color by 10%, you get 158, 243, 234, and if you desaturate by 10%, it is 206, 243, 238.

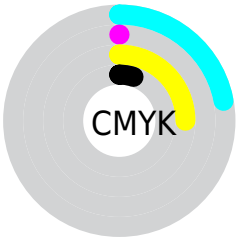
Distribution



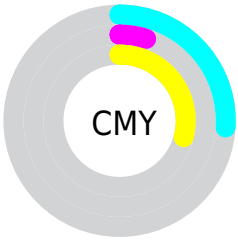
- Red (74%)
- Green (95%)
- Blue (71%)



- Red (71%)
- Yellow (95%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (25%)
- Black (5%)



- Cyan (26%)
- Magenta (5%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 243, 236 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 182, 243, 236 by changing the saturation by 10% instead.

182, 243, 236

255, 255, 255

238, 255, 247

182, 243, 236

155, 214, 208

129, 187, 181

103, 159, 154

79, 133, 129

56, 108, 106

33, 83, 83

4, 53, 59

0, 38, 38

0, 6, 6

182, 243, 236

158, 243, 234

133, 243, 230

109, 243, 228

85, 243, 225

61, 243, 223

36, 243, 219

12, 243, 217

0, 243, 215

182, 243, 236

206, 243, 238

231, 243, 242

254, 243, 255

255, 243, 255

Harmonies

Analogous

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

161, 234, 165

182, 243, 236

148, 208, 248

Triad

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

182, 243, 236

165, 205, 255

255, 203, 206

Complementary

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

182, 243, 236

236, 182, 243

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, 204, 243

182, 243, 236

217, 223, 255

Square

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

182, 243, 236

123, 186, 255

255, 212, 255

255, 239, 176

Rectangle

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

182, 243, 236

125, 189, 249

255, 212, 255

255, 202, 218

Sweetspot

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

182, 243, 236

235, 255, 253

190, 243, 182

115, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

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

182, 243, 236

179, 255, 247

182, 226, 243

110, 122, 120

0, 186, 165

0, 59, 52

Inverse Universe

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

236, 182, 243

246, 179, 255

243, 182, 220

121, 110, 122

165, 0, 186

52, 0, 59

Previews

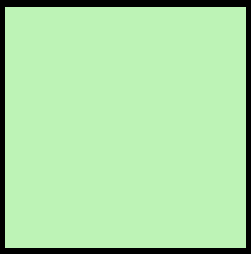
White Background

This preview shows how the RYB color 182, 243, 236 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



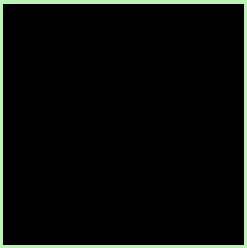
This preview shows how the RYB color 182, 243, 236 looks on a black background.

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 182, 243, 236 Background



This preview shows how black text looks on a background with the RYB color 182, 243, 236.

This preview shows how white text looks on a background with the RYB color 182, 243, 236.

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
182, 243, 236

Protanopia
196, 244, 175

Deuteranopia
255, 237, 200

Tritanopia
201, 221, 252

Trichromacy

Original Color
182, 243, 236

Protanomaly
178, 233, 187

Deuteranomaly
194, 231, 193

Tritanomaly
197, 220, 237

Monochromacy

Original Color
182, 243, 236

Achromatopsia
220, 220, 220

Achromatomaly
206, 228, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 243, 236 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(189, 243, 182) looks like.

```
.text, #text, p{
    color:rgb(189, 243, 182)
}
```

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(189, 243, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 243, 182) }
```

Border

The CSS property to change the border of an element to RYB 182, 243, 236 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(189, 243, 182) }
```

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

```
.border{ border-color:rgb(189, 243, 182) }
```

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

Here you see how a box with a 4 pixel rgb(189, 243, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 243, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 243, 182); box-shadow:4px 4px 4px 4px rgb(189, 243, 182) }
```

Background

The CSS property to change the background color of an element to RYB 182, 243, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(189, 243, 182) }
```

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

```
.background{ background-color:rgb(189,
243, 182) }
```

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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