Converting Colors

RYB(144, 232, 250)

Have a look what the booklet for RYB(144, 232, 250) contains.

Color

RYB(144, 232, 250)

Conversions

Conversions Part 1

Format	Color
Hex	90FAA6
RGB	144, 250, 166
RGB Percent	56%, 98%, 65%
CMY	0.4353, 0.0196, 0.3503
CMYK	0.42, 0.00, 0.34, 0.02
HSL	132°, 91%, 77%
HSV	132°, 42%, 98%
XYZ	52.5410, 77.0420, 48.0250
YIQ	208.7300, -36.2120, -48.5960

Conversions

Conversions Part 2

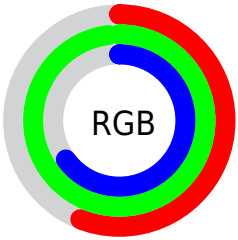
Format	Color
RYB	144, 232, 250
Decimal	9501350
CIELab	90.34, -48.01, 31.11
CIELCh	90, 57.209, 147.063
Yxy	77.0420, 0.2958, 0.4338
Android (android.graphics.Color)	4287691430 (0xFF90FAA6)
YUV	208.7300, -21.0659, -56.7682
Hunter-Lab	87.7736, -46.7542, 29.0012

Details

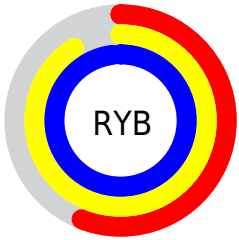
The RYB color 144, 232, 250 is a light color, and the websafe version is hex 99FF99. A complement of this color would be 250, 144, 228, and the grayscale version is 209, 209, 209.

A 20% lighter version of the original color is 202, 240, 255, and 87, 172, 193 is the 20% darker color. If you saturate the color by 10%, you get 119, 228, 250, and if you desaturate by 10%, it is 169, 236, 250.

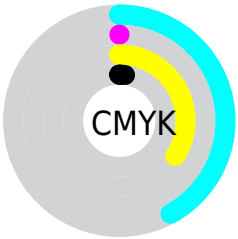
Distribution



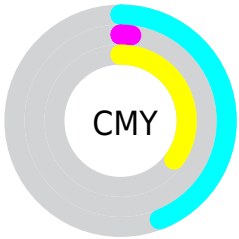
- Red (56%)
- Green (98%)
- Blue (65%)



- Red (56%)
- Yellow (91%)
- Blue (98%)



- Cyan (42%)
- Magenta (0%)
- Yellow (34%)
- Black (2%)



- Cyan (44%)
- Magenta (2%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 232, 250 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 144, 232, 250 by changing the saturation by 10% instead.

144, 232, 250

255, 255, 255

202, 241, 255

231, 244, 255

144, 232, 250

115, 201, 221

87, 172, 193

56, 140, 165

16, 104, 138

0, 83, 112

0, 73, 87

0, 62, 62

0, 41, 41

0, 2, 2

144, 232, 250

119, 228, 250

94, 223, 250

69, 219, 250

44, 215, 250

19, 211, 250

0, 208, 250

144, 232, 250

169, 236, 250

194, 241, 250

219, 245, 250

244, 249, 250

255, 250, 255

Harmonies

Analogous

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

127, 239, 155

144, 232, 250

23, 148, 255

Triad

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

144, 232, 250

123, 184, 255

255, 187, 180

Complementary

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

144, 232, 250

250, 144, 228

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, 183, 235

144, 232, 250

224, 215, 255

Square

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

144, 232, 250

0, 126, 255

255, 195, 255

230, 255, 137

Rectangle

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

144, 232, 250

0, 128, 255

255, 195, 255

255, 183, 198

Sweetspot

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

144, 232, 250

222, 249, 255

144, 250, 165

107, 125, 128

0, 0, 0

128, 128, 128

Same Dimension

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

144, 232, 250

125, 233, 255

144, 206, 250

112, 123, 125

0, 157, 189

0, 50, 61

Inverse Universe

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

250, 144, 228

255, 125, 228

250, 144, 176

125, 112, 122

189, 0, 150

61, 0, 49

Previews

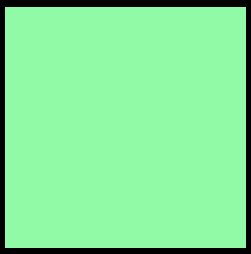
White Background

This preview shows how the RYB color 144, 232, 250 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



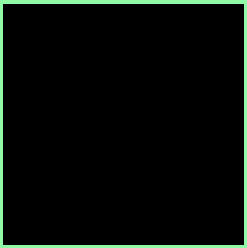
This preview shows how the RYB color 144, 232, 250 looks on a black background.

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 144, 232, 250 Background



This preview shows how black text looks on a background with the RYB color 144, 232, 250.

This preview shows how white text looks on a background with the RYB color 144, 232, 250.

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
144, 232, 250

Protanopia
178, 244, 155

Deuteranopia
255, 242, 190

Tritanopia
171, 208, 255

Trichromacy

Original Color
144, 232, 250

Protanomaly
159, 235, 186

Deuteranomaly
181, 230, 196

Tritanomaly
161, 207, 242

Monochromacy

Original Color
144, 232, 250

Achromatopsia
209, 209, 209

Achromatomaly
185, 217, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 232, 250 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(144, 250, 166) looks like.

```
.text, #text, p{
    color:rgb(144, 250, 166)
}
```

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(144, 250, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 250, 166) }
```

Border

The CSS property to change the border of an element to RYB 144, 232, 250 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(144, 250, 166) }
```

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

```
.border{ border-color:rgb(144, 250, 166) }
```

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

Here you see how a box with a 4 pixel rgb(144, 250, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 250, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 250, 166); box-shadow:4px 4px 4px 4px rgb(144, 250, 166) }
```

Background

The CSS property to change the background color of an element to RYB 144, 232, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(144, 250, 166) }
```

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

```
.background{ background-color:rgb(144,
250, 166) }
```

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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