Converting Colors

RYB(161, 231, 242)

Have a look what the booklet for RYB(161, 231, 242) contains.

Color

RYB(161, 231, 242)

Conversions

Conversions Part 1

Format	Color
Hex	A1F2AE
RGB	161, 242, 174
RGB Percent	63%, 95%, 68%
CMY	0.3686, 0.0510, 0.3187
CMYK	0.33, 0.00, 0.28, 0.05
HSL	129°, 76%, 79%
HSV	129°, 33%, 95%
XYZ	54.0636, 74.1267, 51.3642
YIQ	210.0290, -26.4480, -38.3200

Conversions

Conversions Part 2

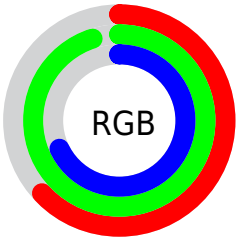
Format	Color
RYB	161, 231, 242
Decimal	10613422
CIELab	88.98, -38.23, 25.31
CIELCh	89, 45.852, 146.492
Yxy	74.1267, 0.3011, 0.4128
Android (android.graphics.Color)	4288803502 (0xFFA1F2AE)
YUV	210.0290, -17.7623, -42.9984
Hunter-Lab	86.0969, -38.5824, 24.8962

Details

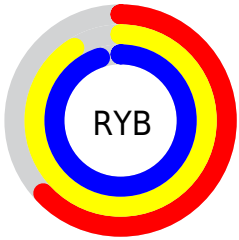
The RYB color 161, 231, 242 is a light color, and the websafe version is hex 99FFCC. A complement of this color would be 242, 161, 229, and the grayscale version is 210, 210, 210.

A 20% lighter version of the original color is 218, 246, 255, and 106, 172, 185 is the 20% darker color. If you saturate the color by 10%, you get 137, 228, 242, and if you desaturate by 10%, it is 185, 234, 242.

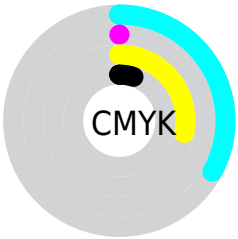
Distribution



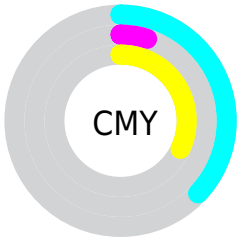
- Red (63%)
- Green (95%)
- Blue (68%)



- Red (63%)
- Yellow (91%)
- Blue (95%)



- Cyan (33%)
- Magenta (0%)
- Yellow (28%)
- Black (5%)



- Cyan (37%)
- Magenta (5%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 231, 242 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 161, 231, 242 by changing the saturation by 10% instead.

161, 231, 242

255, 255, 255

218, 247, 255

247, 251, 255

161, 231, 242

133, 201, 213

106, 172, 185

79, 144, 158

52, 116, 132

20, 85, 106

0, 61, 81

0, 55, 57

0, 37, 37

0, 0, 0

161, 231, 242	161, 231, 242
137, 228, 242	185, 234, 242
113, 225, 242	209, 237, 242
88, 220, 242	234, 241, 242
64, 218, 242	255, 242, 255
40, 214, 242	
16, 212, 242	
0, 209, 242	

Harmonies

Analogous

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

144, 233, 165

161, 231, 242

103, 183, 247

Triad

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

161, 231, 242

151, 196, 255

255, 192, 187

Complementary

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

161, 231, 242

242, 161, 229

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, 190, 230

161, 231, 242

221, 214, 255

Square

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

161, 231, 242

73, 160, 255

255, 199, 255

253, 255, 152

Rectangle

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

161, 231, 242

60, 154, 247

255, 199, 255

255, 190, 201

Sweetspot

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

161, 231, 242

230, 252, 255

161, 242, 173

112, 125, 128

0, 0, 0

128, 128, 128

Same Dimension

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

161, 231, 242

153, 241, 255

161, 210, 242

108, 118, 120

0, 159, 184

0, 48, 56

Inverse Universe

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

242, 161, 229

255, 153, 239

242, 161, 189

120, 108, 118

184, 0, 155

56, 0, 47

Previews

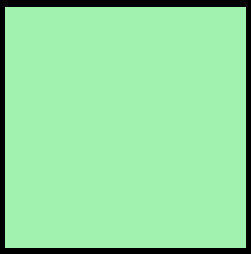
White Background

This preview shows how the RYB color 161, 231, 242 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



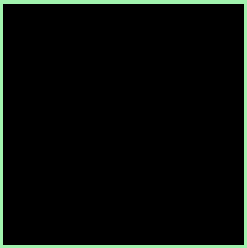
This preview shows how the RYB color 161, 231, 242 looks on a black background.

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 161, 231, 242 Background



This preview shows how black text looks on a background with the RYB color 161, 231, 242.

This preview shows how white text looks on a background with the RYB color 161, 231, 242.

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
161, 231, 242

Protanopia
187, 239, 165

Deuteranopia
255, 238, 185

Tritanopia
176, 208, 251

Trichromacy

Original Color
161, 231, 242

Protanomaly
168, 229, 186

Deuteranomaly
181, 225, 185

Tritanomaly
171, 207, 236

Monochromacy

Original Color
161, 231, 242

Achromatopsia
210, 210, 210

Achromatomaly
192, 218, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 231, 242 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(161, 242, 174) looks like.

```
.text, #text, p{
    color:rgb(161, 242, 174)
}
```

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(161, 242, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 242, 174) }
```

Border

The CSS property to change the border of an element to RYB 161, 231, 242 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(161, 242, 174) }
```

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

```
.border{ border-color:rgb(161, 242, 174) }
```

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

Here you see how a box with a 4 pixel rgb(161, 242, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 242, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 242, 174); box-shadow:4px 4px 4px 4px rgb(161, 242, 174) }
```

Background

The CSS property to change the background color of an element to RYB 161, 231, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(161, 242, 174) }
```

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

```
.background{ background-color:rgb(161,
242, 174) }
```

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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