

# Converting Colors

`RYB(161, 222, 243)`

Have a look what the booklet for  
RYB(161, 222, 243) contains.

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# Color

**R<sub>Y</sub>B(161, 222, 243)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1F3BD
RGB	161, 243, 189
RGB Percent	63%, 95%, 74%
CMY	0.3686, 0.0471, 0.2579
CMYK	0.34, 0.00, 0.22, 0.05
HSL	141°, 77%, 79%
HSV	141°, 34%, 95%
XYZ	55.9588, 75.3624, 59.8719
YIQ	212.3260, -31.5380, -34.1780

# Conversions

## Conversions Part 2

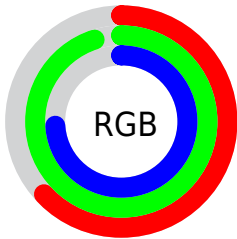
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 222, 243
Decimal	10613693
CIELab	89.56, -35.95, 18.15
CIELCh	90, 40.270, 153.207
Yxy	75.3624, 0.2927, 0.3942
Android (android.graphics.Color)	4288803773 (0xFFA1F3BD)
YUV	212.3260, -11.4997, -45.0129
Hunter-Lab	86.8115, -36.8588, 19.8771

# Details

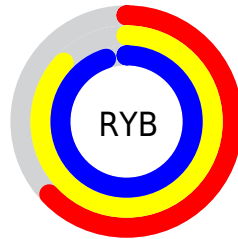
The RYB color **161, 222, 243** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **243, 161, 215**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **218, 239, 255**, and **106, 164, 186** is the 20% darker color. If you saturate the color by 10%, you get **137, 216, 243**, and if you desaturate by 10%, it is **185, 228, 243**.

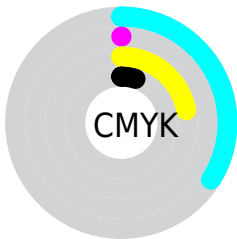
# Distribution



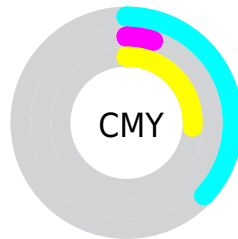
- Red (63%)
- Green (95%)
- Blue (74%)



- Red (63%)
- Yellow (87%)
- Blue (95%)



- Cyan (34%)
- Magenta (0%)
- Yellow (22%)
- Black (5%)



- Cyan (37%)
- Magenta (5%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 161, 222, 243 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, 222, 243 by changing the saturation by 10% instead.



 161, 222, 243

255, 255, 255


 218, 239, 255


 247, 251, 255

 161, 222, 243

 133, 193, 214

 106, 164, 186

 79, 137, 159

 52, 109, 133

 20, 79, 107

 0, 55, 82

 0, 44, 58

 0, 37, 37

 0, 0, 0

 161, 222, 243

 161, 222, 243

 137, 216, 243


 185, 228, 243

 112, 210, 243


 210, 235, 243

 88, 204, 243


 234, 241, 243

 64, 198, 243

 255, 243, 253

 39, 190, 243

 255, 243, 255

 15, 184, 243

 0, 181, 243

# Harmonies

## Analogous

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



160, 235, 189



161, 222, 243



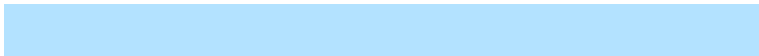
116, 186, 246

# Triad

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



161, 222, 243



179, 208, 255



255, 204, 185

# Complementary

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



161, 222, 243



243, 161, 215

# 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, 196, 222



161, 222, 243



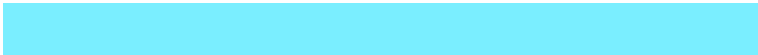
236, 214, 255

# Square

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



161, 222, 243



122, 184, 255



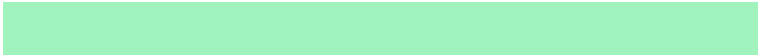
255, 201, 255



237, 255, 157

# Rectangle

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



161, 222, 243



95, 172, 254



255, 201, 255



255, 198, 197



# Sweetspot

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



161, 222, 243



230, 249, 255



161, 243, 188



112, 124, 128



0, 0, 0

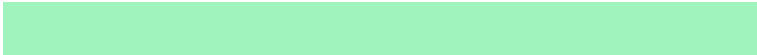


128, 128, 128

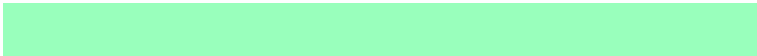


# Same Dimension

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



161, 222, 243



153, 229, 255



161, 206, 243



110, 119, 122



0, 138, 186



0, 44, 59



# Inverse Universe

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



243, 161, 215



255, 153, 220



243, 161, 175



122, 110, 118



186, 0, 122

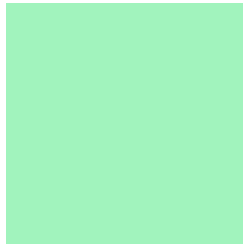


59, 0, 38



# Previews

## White Background



This preview shows how the RYB color 161, 222, 243 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, 222, 243 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, 222, 243 Background**



This preview shows how black text looks on a background with the RYB color 161, 222, 243.

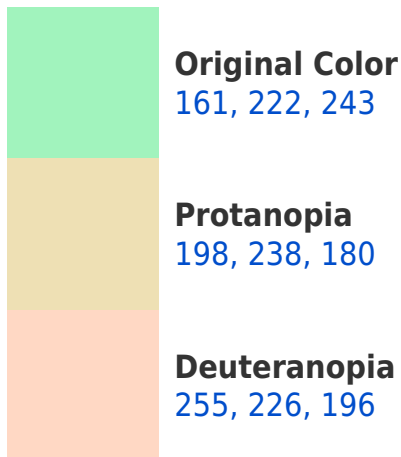


This preview shows how white text looks on a background with the RYB color 161, 222, 243.

# 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





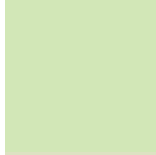
**Tritanopia**  
174, 208, 253

# Trichromacy



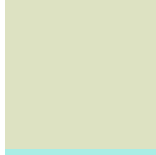
**Original Color**

161, 222, 243



**Protanomaly**

183, 231, 204



**Deuteranomaly**

194, 226, 199



**Tritanomaly**

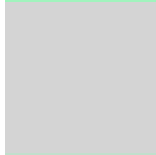
169, 205, 237

# Monochromacy



**Original Color**

161, 222, 243



**Achromatopsia**

212, 212, 212



**Achromatomaly**

193, 215, 223

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 161, 222, 243 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, 243, 189)` looks like.

```
.text, #text, p{  
    color:rgb(161, 243, 189)  
}
```

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, 243, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 243, 189) }
```

## Border

The CSS property to change the border of an element to RYB 161, 222, 243 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, 243, 189) }
```

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

```
.border{ border-color:rgb(161, 243, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 243, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 243, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 243, 189); box-shadow:4px 4px 4px 4px rgb(161, 243, 189) }
```

# Background

The CSS property to change the background color of an element to RYB 161, 222, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 243, 189) }
```

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

```
.background{ background-color: rgb(161,  
243, 189) }
```

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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