

Converting Colors

`RYB(161, 234, 225)`

Have a look what the booklet for
RYB(161, 234, 225) contains.

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Color

R_YB(161, 234, 225)

Conversions

Conversions Part 1

Format	Color
Hex	AAEAA1
RGB	170, 234, 161
RGB Percent	67%, 92%, 63%
CMY	0.3333, 0.0824, 0.3686
CMYK	0.27, 0.00, 0.31, 0.08
HSL	113°, 63%, 77%
HSV	113°, 31%, 92%
XYZ	52.4334, 69.9649, 44.4593
YIQ	206.5420, -14.7110, -36.2710

Conversions

Conversions Part 2

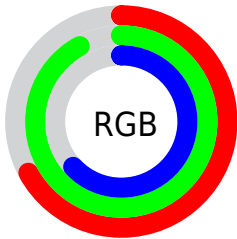
Format	Color
RYB	161, 234, 225
Decimal	11201185
CIELab	86.98, -33.81, 29.17
CIELCh	87, 44.654, 139.205
Yxy	69.9649, 0.3142, 0.4193
Android (android.graphics.Color)	4289391265 (0xFFAAEAA1)
YUV	206.5420, -22.4522, -32.0473
Hunter-Lab	83.6450, -34.4849, 27.0375

Details

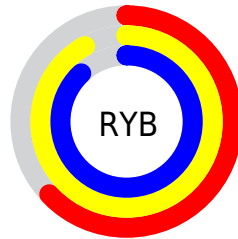
The RYB color **161, 234, 225** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **225, 161, 234**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **216, 255, 244**, and **109, 178, 171** is the 20% darker color. If you saturate the color by 10%, you get **138, 234, 223**, and if you desaturate by 10%, it is **184, 234, 227**.

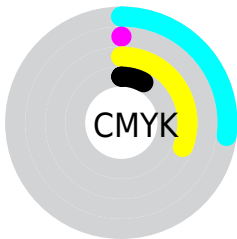
Distribution



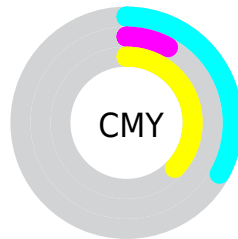
- Red (67%)
- Green (92%)
- Blue (63%)



- Red (63%)
- Yellow (92%)
- Blue (88%)



- Cyan (27%)
- Magenta (0%)
- Yellow (31%)
- Black (8%)



- Cyan (33%)
- Magenta (8%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 234, 225 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, 234, 225 by changing the saturation by 10% instead.

 161, 234, 225

255, 255, 255


 216, 255, 244


 245, 255, 245

 161, 234, 225

 134, 206, 197

 109, 178, 171


 84, 151, 145

 60, 125, 121

 37, 99, 99

 4, 67, 75

 0, 52, 52

 0, 32, 32

 0, 0, 0

 161, 234, 225

 161, 234, 225

 138, 234, 223

 184, 234, 227

 114, 234, 219

 208, 234, 231

 91, 234, 217

 231, 234, 233

 67, 234, 213

 252, 234, 255

 44, 234, 211

 255, 234, 255

 21, 234, 208

 0, 234, 205

Harmonies

Analogous

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



136, 224, 142



161, 234, 225



115, 189, 240

Triad

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



161, 234, 225



130, 185, 255



255, 186, 192

Complementary

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



161, 234, 225



225, 161, 234

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, 186, 235



161, 234, 225



200, 211, 255

Square

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



161, 234, 225



57, 151, 255



255, 197, 255



255, 224, 155

Rectangle

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



161, 234, 225



76, 161, 241



255, 197, 255



255, 185, 206

Sweetspot

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



161, 234, 225



232, 255, 252



173, 234, 161



113, 128, 126



0, 0, 0



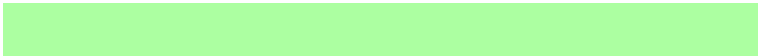
128, 128, 128

Same Dimension

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



161, 234, 225



161, 255, 244



161, 214, 234



106, 117, 116



0, 181, 159



0, 54, 47

Inverse Universe

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



225, 161, 234



243, 161, 255



234, 161, 207



116, 106, 117



159, 0, 181



47, 0, 54

Previews

White Background



This preview shows how the RYB color 161, 234, 225 looks on a white background.

Color Contrast Check

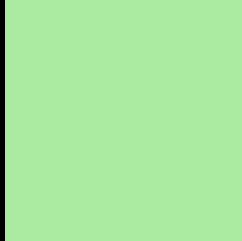
Large Text (above 18pt) WCAG AA × Fail

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, 234, 225 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, 234, 225 Background



This preview shows how black text looks on a background with the RYB color 161, 234, 225.

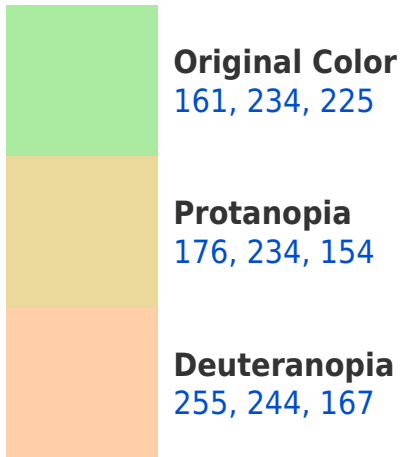


This preview shows how white text looks on a background with the RYB color 161, 234, 225.

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





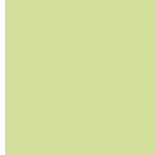
Tritanopia
184, 208, 242

Trichromacy



Original Color

161, 234, 225



Protanomaly

157, 223, 169



Deuteranomaly

173, 224, 165



Tritanomaly

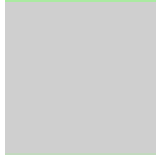
179, 208, 228

Monochromacy



Original Color

161, 234, 225



Achromatopsia

207, 207, 207



Achromatomaly

190, 217, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 234, 225 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(170, 234, 161)` looks like.

```
.text, #text, p{  
    color:rgb(170, 234, 161)  
}
```

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(170, 234, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 234, 161) }
```

Border

The CSS property to change the border of an element to RYB 161, 234, 225 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(170, 234, 161) }
```

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

```
.border{ border-color:rgb(170, 234, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 234, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 234, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 234, 161);  
box-shadow:4px 4px 4px 4px rgb(170, 234,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 161, 234, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 234, 161) }
```

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

```
.background{ background-color: rgb(170,  
234, 161) }
```

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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