

Converting Colors

`RYB(161, 247, 213)`

Have a look what the booklet for
RYB(161, 247, 213) contains.

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Color

R_YB(161, 247, 213)

Conversions

Conversions Part 1

Format	Color
Hex	C3F7A1
RGB	195, 247, 161
RGB Percent	76%, 97%, 63%
CMY	0.2353, 0.0314, 0.3686
CMYK	0.21, 0.00, 0.35, 0.03
HSL	96°, 84%, 80%
HSV	96°, 35%, 97%
XYZ	62.1995, 80.6968, 46.0160
YIQ	221.6480, -3.3860, -37.7700

Conversions

Conversions Part 2

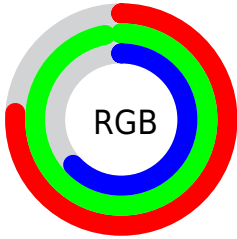
Format	Color
RYB	161, 247, 213
Decimal	12842913
CIELab	92.00, -31.41, 36.11
CIELCh	92, 47.859, 131.013
Yxy	80.6968, 0.3293, 0.4272
Android (android.graphics.Color)	4291032993 (0xFFC3F7A1)
YUV	221.6480, -29.8995, -23.3703
Hunter-Lab	89.8314, -33.6112, 32.5108

Details

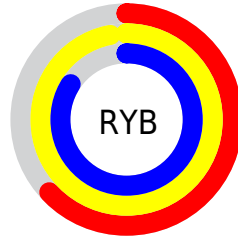
The RYB color **161, 247, 213** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **213, 161, 247**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **216, 255, 218**, and **108, 190, 158** is the 20% darker color. If you saturate the color by 10%, you get **136, 247, 203**, and if you desaturate by 10%, it is **186, 247, 223**.

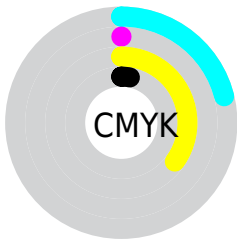
Distribution



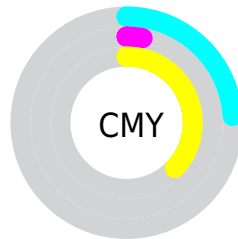
- Red (76%)
- Green (97%)
- Blue (63%)



- Red (63%)
- Yellow (97%)
- Blue (84%)



- Cyan (21%)
- Magenta (0%)
- Yellow (35%)
- Black (3%)



- Cyan (24%)
- Magenta (3%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 247, 213 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, 247, 213 by changing the saturation by 10% instead.

 161, 247, 213

255, 255, 255


 216, 255, 218


 245, 255, 245

 161, 247, 213


 134, 218, 185

 108, 190, 158

 83, 163, 133


 59, 137, 109

 35, 111, 84

 8, 86, 58

 0, 62, 54

 0, 40, 40

 0, 13, 13

■ 161, 247, 213

■ 161, 247, 213

■ 136, 247, 203

■ 186, 247, 223

■ 112, 247, 194

■ 210, 247, 232

■ 87, 247, 184

■ 235, 247, 242

■ 62, 247, 174

■ 255, 247, 255

■ 37, 247, 164

■ 13, 247, 155

■ 0, 247, 149

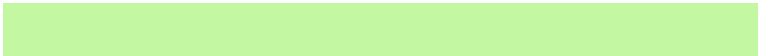
Harmonies

Analogous

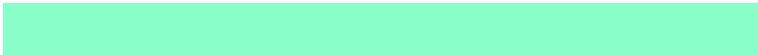
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



152, 246, 140



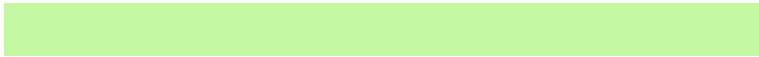
161, 247, 213



137, 213, 254

Triad

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



161, 247, 213



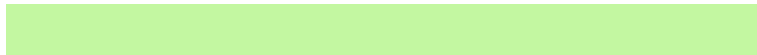
112, 181, 255



255, 196, 217

Complementary

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



161, 247, 213



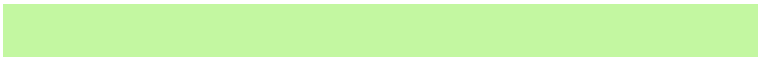
213, 161, 247

Split Complementary

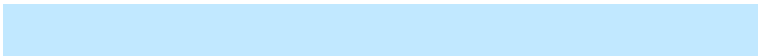
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 200, 255



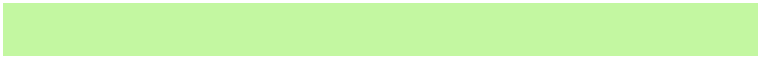
161, 247, 213



193, 217, 255

Square

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



161, 247, 213



27, 141, 255



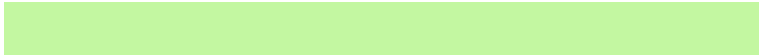
255, 214, 255



255, 222, 174

Rectangle

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



161, 247, 213



93, 180, 255



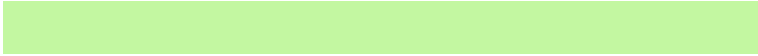
255, 214, 255



255, 196, 232

Sweetspot

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



161, 247, 213



230, 255, 245



217, 247, 161



112, 128, 122



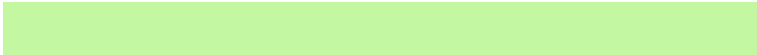
0, 0, 0



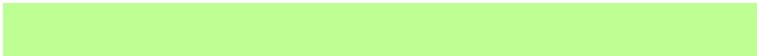
128, 128, 128

Same Dimension

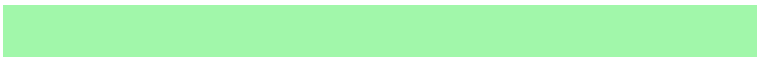
The Same Dimension uses a secret algorithm to generate beautiful new colors.



161, 247, 213



148, 255, 213



161, 239, 247



110, 122, 117



0, 186, 112



0, 59, 36

Inverse Universe

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



213, 161, 247



213, 148, 255



247, 161, 238



118, 110, 122



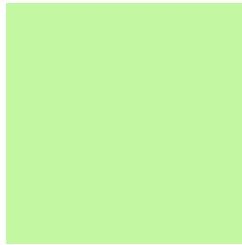
113, 0, 186



35, 0, 59

Previews

White Background



This preview shows how the RYB color 161, 247, 213 looks on a white background.

Color Contrast Check

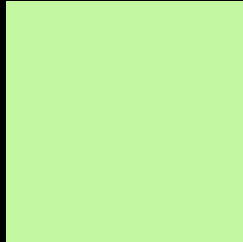
Large Text (above 18pt) WCAG AA × Fail

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, 247, 213 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, 247, 213 Background



This preview shows how black text looks on a background with the RYB color 161, 247, 213.

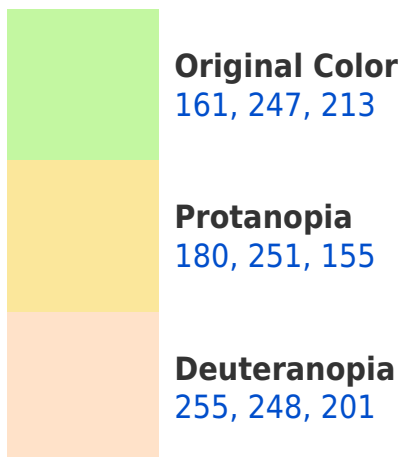


This preview shows how white text looks on a background with the RYB color 161, 247, 213.

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
209, 225, 254

Trichromacy



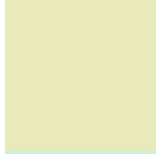
Original Color

161, 247, 213



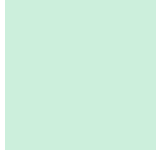
Protanomaly

157, 237, 163



Deuteranomaly

186, 234, 187



Tritanomaly

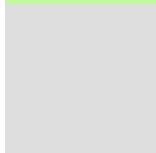
204, 228, 239

Monochromacy



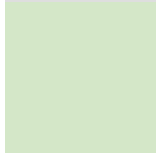
Original Color

161, 247, 213



Achromatopsia

222, 222, 222



Achromatomaly

200, 231, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 247, 213 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(195, 247, 161)` looks like.

```
.text, #text, p{  
    color:rgb(195, 247, 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(195, 247, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 247, 161) }
```

Border

The CSS property to change the border of an element to RYB 161, 247, 213 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(195, 247, 161) }
```

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

```
.border{ border-color:rgb(195, 247, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 247, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 247, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 247, 161);  
box-shadow:4px 4px 4px 4px rgb(195, 247,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 161, 247, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 247, 161) }
```

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

```
.background{ background-color: rgb(195,  
247, 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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