

Converting Colors

`RYB(161, 255, 226)`

Have a look what the booklet for
RYB(161, 255, 226) contains.

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Color

R_YB(161, 255, 226)

Conversions

Conversions Part 1

Format	Color
Hex	BEFFA1
RGB	190, 255, 161
RGB Percent	75%, 100%, 63%
CMY	0.2549, 0.0000, 0.3686
CMYK	0.25, 0.00, 0.37, 0.00
HSL	101°, 100%, 82%
HSV	101°, 37%, 100%
XYZ	63.4282, 85.0404, 46.7896
YIQ	224.8490, -8.5660, -43.0140

Conversions

Conversions Part 2

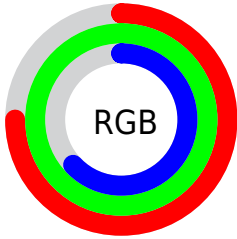
Format	Color
RYB	161, 255, 226
Decimal	12517281
CIELab	93.90, -36.77, 38.56
CIElCh	94, 53.283, 133.642
Yxy	85.0404, 0.3248, 0.4355
Android (android.graphics.Color)	4290707361 (0xFFBEFFA1)
YUV	224.8490, -31.4776, -30.5626
Hunter-Lab	92.2173, -38.6058, 34.4693

Details

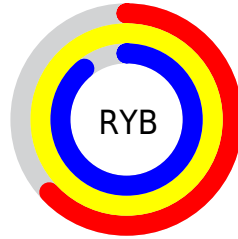
The RYB color **161, 255, 226** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **226, 161, 255**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **217, 255, 224**, and **108, 198, 171** is the 20% darker color. If you saturate the color by 10%, you get **135, 255, 218**, and if you desaturate by 10%, it is **187, 255, 234**.

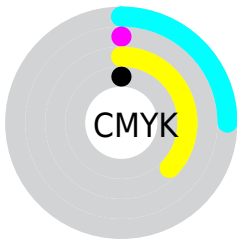
Distribution



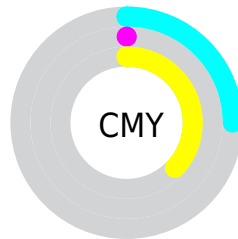
- Red (75%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 255, 226 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, 255, 226 by changing the saturation by 10% instead.

 161, 255, 226

255, 255, 255


 217, 255, 224


 245, 255, 245


 161, 255, 226

 134, 226, 198

 108, 198, 171

 83, 170, 145

 58, 144, 121

 33, 118, 97

 5, 92, 71

 0, 68, 68

 0, 45, 45

 0, 22, 22

■ 161, 255, 226

■ 161, 255, 226

■ 135, 255, 218

■ 187, 255, 234

■ 110, 255, 210

■ 212, 255, 242

■ 84, 255, 202

■ 238, 255, 250

■ 59, 255, 195

255, 255, 255

■ 33, 255, 186

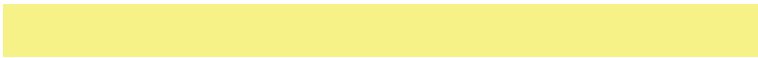
■ 8, 255, 179

■ 0, 255, 176

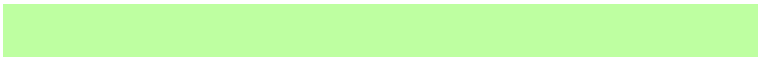
Harmonies

Analogous

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



140, 247, 135



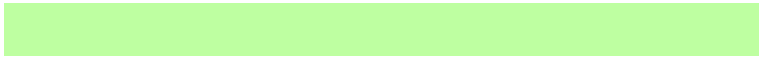
161, 255, 226



121, 203, 255

Triad

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



161, 255, 226



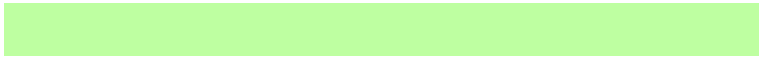
99, 176, 255



255, 197, 216

Complementary

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



161, 255, 226



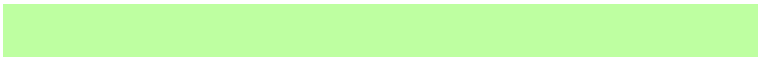
226, 161, 255

Split Complementary

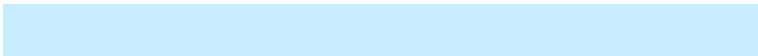
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 200, 255



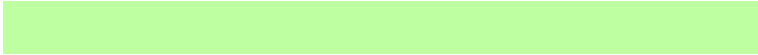
161, 255, 226



199, 221, 255

Square

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



161, 255, 226



0, 128, 255



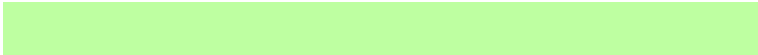
255, 215, 255



255, 237, 169

Rectangle

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



161, 255, 226



55, 158, 255



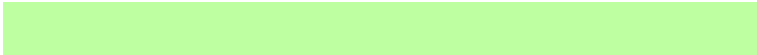
255, 215, 255



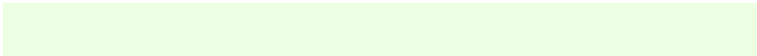
255, 196, 233

Sweetspot

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



161, 255, 226



227, 255, 246



205, 255, 161



111, 128, 123



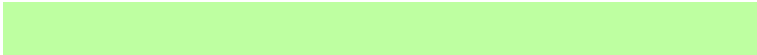
0, 0, 0



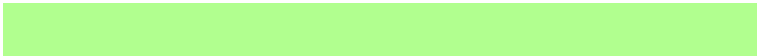
128, 128, 128

Same Dimension

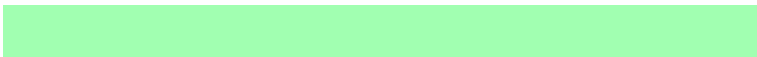
The Same Dimension uses a secret algorithm to generate beautiful new colors.



161, 255, 226



143, 255, 221



161, 241, 255



115, 128, 124



0, 191, 132



0, 64, 44

Inverse Universe

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



226, 161, 255



220, 143, 255



255, 161, 238



124, 115, 128



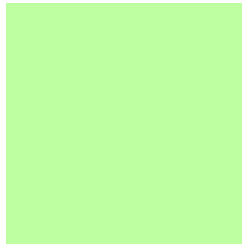
132, 0, 191



44, 0, 64

Previews

White Background



This preview shows how the RYB color 161, 255, 226 looks on a white background.

Color Contrast Check

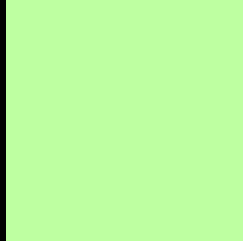
Large Text (above 18pt) WCAG AA × Fail

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, 255, 226 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, 255, 226 Background



This preview shows how black text looks on a background with the RYB color 161, 255, 226.

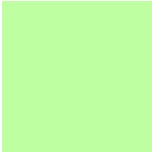
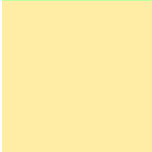
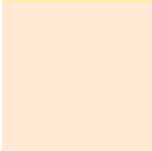


This preview shows how white text looks on a background with the RYB color 161, 255, 226.

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, 255, 226
	Protanopia 189, 255, 166
	Deuteranopia 255, 251, 213



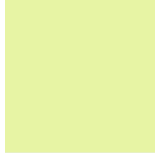
Tritanopia
216, 231, 255

Trichromacy



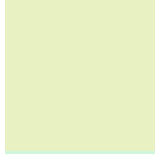
Original Color

161, 255, 226



Protanomaly

164, 244, 177



Deuteranomaly

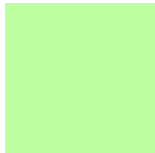
194, 241, 204



Tritanomaly

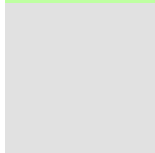
207, 236, 246

Monochromacy



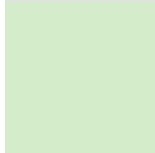
Original Color

161, 255, 226



Achromatopsia

225, 225, 225



Achromatomaly

202, 236, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 255, 226 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(190, 255, 161)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 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(190, 255, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 161) }
```

Border

The CSS property to change the border of an element to RYB 161, 255, 226 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(190, 255, 161) }
```

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

```
.border{ border-color:rgb(190, 255, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 255, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 255, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 255, 161);  
box-shadow:4px 4px 4px 4px rgb(190, 255,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 161, 255, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 255, 161) }
```

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

```
.background{ background-color: rgb(190,  
255, 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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