

Converting Colors

`RYB(165, 243, 173)`

Have a look what the booklet for
RYB(165, 243, 173) contains.

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Color

R_YB(165, 243, 173)

Conversions

Conversions Part 1

Format	Color
Hex	EBF3A5
RGB	235, 243, 165
RGB Percent	92%, 95%, 65%
CMY	0.0784, 0.0471, 0.3529
CMYK	0.03, 0.00, 0.32, 0.05
HSL	66°, 76%, 80%
HSV	66°, 32%, 95%
XYZ	73.1031, 84.4800, 48.0506
YIQ	231.7160, 20.2700, -25.9540

Conversions

Conversions Part 2

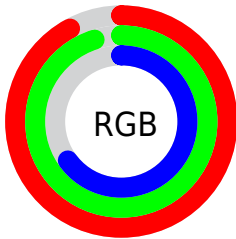
Format	Color
RYB	165, 243, 173
Decimal	15463333
CIELab	93.66, -14.56, 36.80
CIELCh	94, 39.573, 111.583
Yxy	84.4800, 0.3555, 0.4108
Android (android.graphics.Color)	4293653413 (0xFFEBF3A5)
YUV	231.7160, -32.8910, 2.8801
Hunter-Lab	91.9130, -18.8776, 33.3432

Details

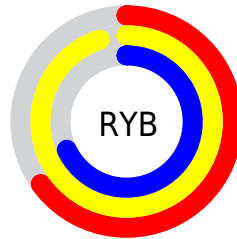
The RYB color **165, 243, 173** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **173, 165, 243**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **221, 255, 221**, and **112, 187, 121** is the 20% darker color. If you saturate the color by 10%, you get **141, 243, 151**, and if you desaturate by 10%, it is **189, 243, 195**.

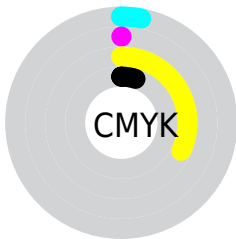
Distribution



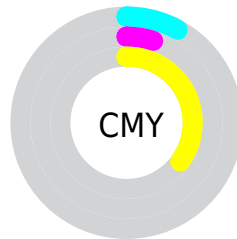
- Red (92%)
- Green (95%)
- Blue (65%)



- Red (65%)
- Yellow (95%)
- Blue (68%)



- Cyan (3%)
- Magenta (0%)
- Yellow (32%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 243, 173 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 165, 243, 173 by changing the saturation by 10% instead.

 165, 243, 173


255, 255, 255

 221, 255, 221


 249, 255, 249

 165, 243, 173

 138, 215, 147

 112, 187, 121


 87, 160, 96

 62, 134, 72

 38, 109, 49

 13, 84, 24

 0, 61, 11

 0, 39, 13

 0, 21, 21

165, 243, 173

165, 243, 173

141, 243, 151

189, 243, 195

116, 243, 129

214, 243, 217

92, 243, 107

238, 243, 239

68, 243, 86

245, 243, 255

43, 243, 63

247, 243, 255

19, 243, 42

250, 243, 255

0, 243, 25

252, 243, 255

255, 243, 255

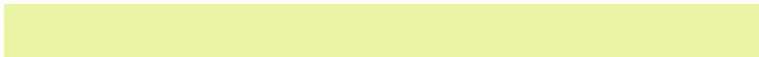
Harmonies

Analogous

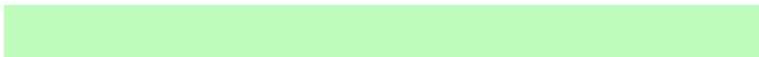
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193, 255, 161



165, 243, 173



188, 252, 249

Triad

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



165, 243, 173



122, 188, 255



255, 209, 249

Complementary

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



165, 243, 173



173, 165, 243

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, 218, 255



165, 243, 173



170, 210, 255

Square

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



165, 243, 173



114, 185, 255



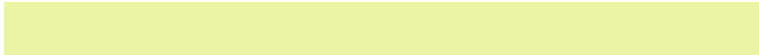
227, 231, 255



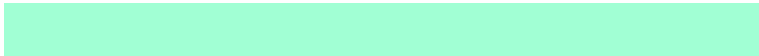
255, 209, 211

Rectangle

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



165, 243, 173



161, 222, 255



227, 231, 255



255, 211, 255

Sweetspot

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



165, 243, 173



230, 255, 233



243, 174, 165



112, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

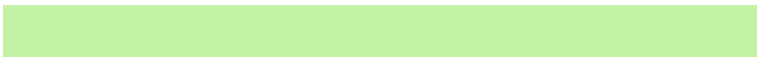
The Same Dimension uses a secret algorithm to generate beautiful new colors.



165, 243, 173



156, 255, 166



165, 243, 212



110, 122, 111



0, 186, 19



0, 59, 6

Inverse Universe

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



173, 165, 243



166, 156, 255



212, 165, 243



111, 110, 122



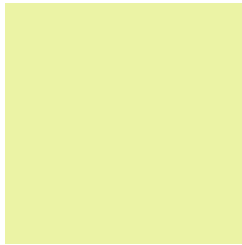
19, 0, 186



6, 0, 59

Previews

White Background



This preview shows how the RYB color 165, 243, 173 looks on a white background.

Color Contrast Check

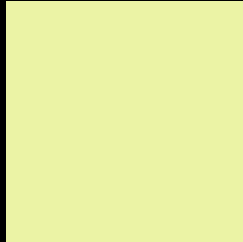
Large Text (above 18pt) WCAG AA × Fail

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 165, 243, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

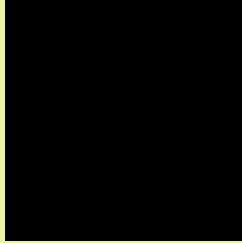
Any Text WCAG AA ✓ Pass

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 165, 243, 173 Background



This preview shows how black text looks on a background with the RYB color 165, 243, 173.

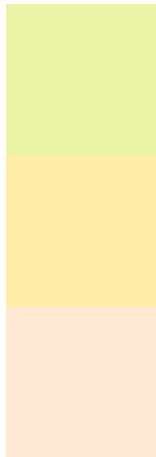


This preview shows how white text looks on a background with the RYB color 165, 243, 173.

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
165, 243, 173

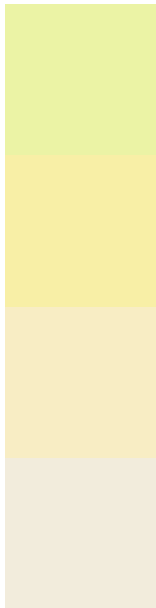
Protanopia
191, 255, 167

Deuteranopia
255, 251, 213



Tritanopia
246, 232, 251

Trichromacy



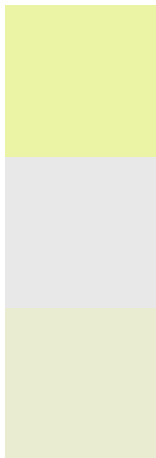
Original Color
165, 243, 173

Protanomaly
176, 248, 166

Deuteranomaly
210, 248, 196

Tritanomaly
228, 242, 220

Monochromacy



Original Color
165, 243, 173

Achromatopsia
232, 232, 232

Achromatomaly
208, 236, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 243, 173 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(235, 243, 165)` looks like.

```
.text, #text, p{  
    color:rgb(235, 243, 165)  
}
```

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(235, 243, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 243, 165) }
```

Border

The CSS property to change the border of an element to RYB 165, 243, 173 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(235, 243, 165) }
```

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

```
.border{ border-color:rgb(235, 243, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 243, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 243, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 243, 165);  
box-shadow:4px 4px 4px 4px rgb(235, 243,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 165, 243, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 243, 165) }
```

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

```
.background{ background-color: rgb(235,  
243, 165) }
```

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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