

Converting Colors

`RYB(155, 242, 184)`

Have a look what the booklet for
RYB(155, 242, 184) contains.

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Color

R_YB(155, 242, 184)

Conversions

Conversions Part 1

Format	Color
Hex	D5F29B
RGB	213, 242, 155
RGB Percent	84%, 95%, 61%
CMY	0.1647, 0.0510, 0.3922
CMYK	0.12, 0.00, 0.36, 0.05
HSL	80°, 77%, 78%
HSV	80°, 36%, 95%
XYZ	65.1091, 80.0170, 43.0235
YIQ	223.4110, 10.6430, -33.2050

Conversions

Conversions Part 2

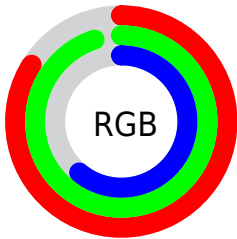
Format	Color
RYB	155, 242, 184
Decimal	14021275
CIELab	91.69, -23.43, 38.92
CIELCh	92, 45.424, 121.051
Yxy	80.0170, 0.3460, 0.4253
Android (android.graphics.Color)	4292211355 (0xFFD5F29B)
YUV	223.4110, -33.7266, -9.1304
Hunter-Lab	89.4522, -26.6175, 34.1000

Details

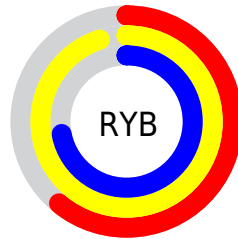
The RYB color **155, 242, 184** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **184, 155, 242**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **210, 255, 210**, and **103, 186, 132** is the 20% darker color. If you saturate the color by 10%, you get **131, 242, 168**, and if you desaturate by 10%, it is **179, 242, 200**.

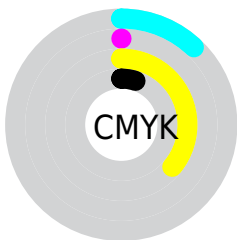
Distribution



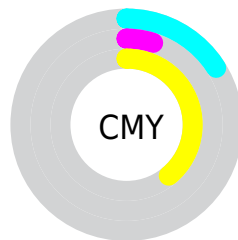
- Red (84%)
- Green (95%)
- Blue (61%)



- Red (61%)
- Yellow (95%)
- Blue (72%)



- Cyan (12%)
- Magenta (0%)
- Yellow (36%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 242, 184 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 155, 242, 184 by changing the saturation by 10% instead.

 155, 242, 184

255, 255, 255


 210, 255, 210

 239, 255, 239

 155, 242, 184


 128, 214, 157

 103, 186, 132


 77, 159, 106


 53, 133, 82

 28, 107, 56

 0, 83, 29

 0, 60, 29

 0, 38, 37

 0, 12, 12

■ 155, 242, 184

■ 155, 242, 184

■ 131, 242, 168

■ 179, 242, 200

■ 107, 242, 152

■ 203, 242, 216

■ 82, 242, 135

■ 228, 242, 233

■ 58, 242, 119

■ 245, 242, 252

■ 34, 242, 103

■ 253, 242, 255

■ 10, 242, 87

■ 255, 242, 255

■ 0, 242, 81

Harmonies

Analogous

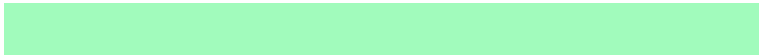
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177, 255, 143



155, 242, 184



161, 230, 251

Triad

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



155, 242, 184



98, 174, 255



255, 198, 231

Complementary

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



155, 242, 184



184, 155, 242

Split Complementary

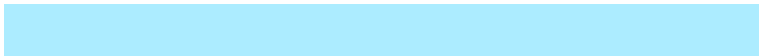
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 205, 255



155, 242, 184



172, 208, 255

Square

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



155, 242, 184



60, 157, 255



238, 219, 255



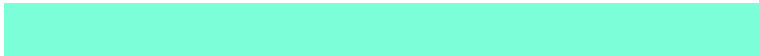
255, 204, 188

Rectangle

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



155, 242, 184



124, 200, 254



238, 219, 255



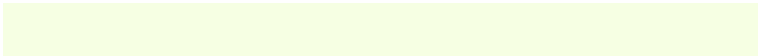
255, 199, 246

Sweetspot

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



155, 242, 184



227, 255, 236



242, 199, 155



111, 128, 117



0, 0, 0



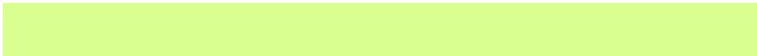
128, 128, 128

Same Dimension

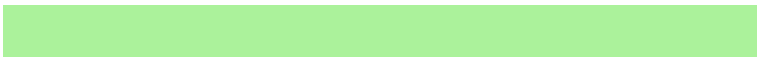
The Same Dimension uses a secret algorithm to generate beautiful new colors.



155, 242, 184



145, 255, 182



155, 242, 226



108, 120, 112



0, 184, 62



0, 56, 19

Inverse Universe

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



184, 155, 242



182, 145, 255



228, 155, 242



112, 108, 120



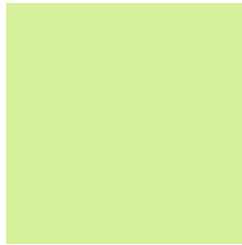
61, 0, 184



19, 0, 56

Previews

White Background



This preview shows how the RYB color 155, 242, 184 looks on a white background.

Color Contrast Check

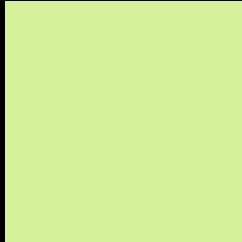
Large Text (above 18pt) WCAG AA × Fail

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 155, 242, 184 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 155, 242, 184 Background



This preview shows how black text looks on a background with the RYB color 155, 242, 184.

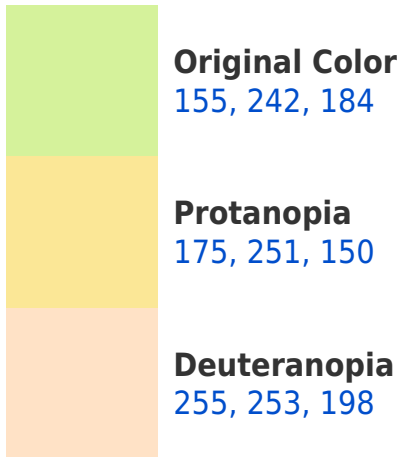


This preview shows how white text looks on a background with the RYB color 155, 242, 184.

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





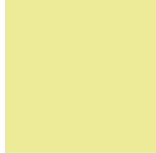
Tritanopia
226, 230, 249

Trichromacy



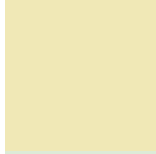
Original Color

155, 242, 184



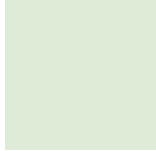
Protanomaly

154, 237, 152



Deuteranomaly

191, 240, 182



Tritanomaly

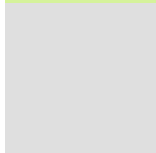
215, 235, 229

Monochromacy



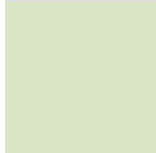
Original Color

155, 242, 184



Achromatopsia

223, 223, 223



Achromatomaly

198, 230, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 242, 184 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(213, 242, 155)` looks like.

```
.text, #text, p{  
    color:rgb(213, 242, 155)  
}
```

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(213, 242, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 242, 155) }
```

Border

The CSS property to change the border of an element to RYB 155, 242, 184 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(213, 242, 155) }
```

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

```
.border{ border-color:rgb(213, 242, 155) }
```

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

Here you see how a box with a 4 pixel rgb(213, 242, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 242, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 242, 155);  
box-shadow:4px 4px 4px 4px rgb(213, 242,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 155, 242, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 242, 155) }
```

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

```
.background{ background-color: rgb(213,  
242, 155) }
```

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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