

Converting Colors

`RYB(155, 227, 157)`

Have a look what the booklet for
RYB(155, 227, 157) contains.

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Color

R_YB(155, 227, 157)

Conversions

Conversions Part 1

Format	Color
Hex	E1E39B
RGB	225, 227, 155
RGB Percent	88%, 89%, 61%
CMY	0.1176, 0.1098, 0.3922
CMYK	0.01, 0.00, 0.32, 0.11
HSL	62°, 56%, 75%
HSV	62°, 32%, 89%
XYZ	64.4368, 73.3123, 41.7648
YIQ	218.1940, 21.9200, -22.8160

Conversions

Conversions Part 2

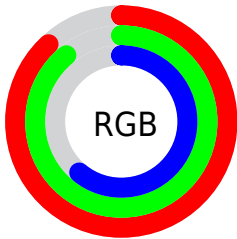
Format	Color
RYB	155, 227, 157
Decimal	14803867
CIELab	88.60, -11.61, 35.02
CIElCh	89, 36.896, 108.336
Yxy	73.3123, 0.3590, 0.4084
Android (android.graphics.Color)	4292993947 (0xFFE1E39B)
YUV	218.1940, -31.1546, 5.9689
Hunter-Lab	85.6226, -15.5062, 31.0154

Details

The RYB color **155, 227, 157** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **157, 155, 227**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **210, 255, 210**, and **103, 172, 106** is the 20% darker color. If you saturate the color by 10%, you get **132, 227, 135**, and if you desaturate by 10%, it is **178, 227, 179**.

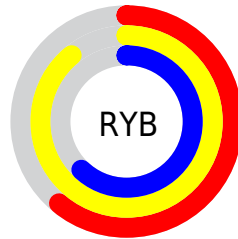
Distribution



Red (88%)

Green (89%)

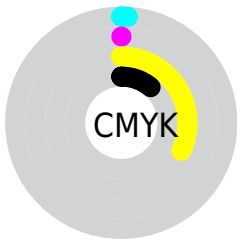
Blue (61%)



Red (61%)

Yellow (89%)

Blue (62%)

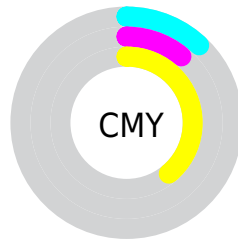


Cyan (1%)

Magenta (0%)

Yellow (32%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 227, 157 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, 227, 157 by changing the saturation by 10% instead.

 155, 227, 157

255, 255, 255


 210, 255, 210


 239, 255, 239

 155, 227, 157

 129, 199, 131

 103, 172, 106

 78, 145, 81

 54, 120, 59

 30, 95, 35

 5, 71, 11

 0, 49, 7

 0, 28, 11

 0, 0, 0

 155, 227, 157

 155, 227, 157

 132, 227, 135

 178, 227, 179

 110, 227, 113

 200, 227, 201

 87, 227, 91

 223, 227, 223

 64, 227, 69

 228, 227, 246

 41, 227, 46

 228, 227, 255

 19, 227, 25

 229, 227, 255

 0, 227, 6

 230, 227, 255

 231, 227, 255

Harmonies

Analogous

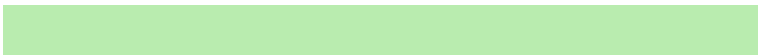
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220, 255, 154



155, 227, 157



175, 236, 226

Triad

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



155, 227, 157



115, 180, 255



255, 198, 238

Complementary

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



155, 227, 157



157, 155, 227

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.



254, 206, 255



155, 227, 157



156, 198, 255

Square

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



155, 227, 157



113, 178, 243



208, 216, 255



255, 197, 202

Rectangle

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



155, 227, 157



158, 215, 240



208, 216, 255



255, 200, 249

Sweetspot

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



155, 227, 157



230, 255, 231



227, 156, 155



112, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



155, 227, 157



158, 255, 161



155, 227, 192



103, 115, 104



0, 179, 5



0, 51, 1

Inverse Universe

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



157, 155, 227



161, 158, 255



192, 155, 227



104, 103, 115



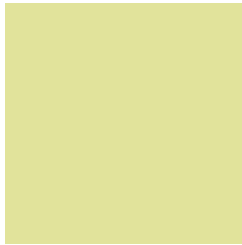
5, 0, 179



1, 0, 51

Previews

White Background



This preview shows how the RYB color 155, 227, 157 looks on a white background.

Color Contrast Check

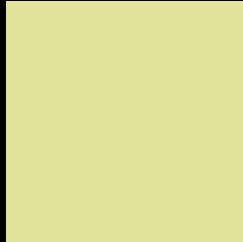
Large Text (above 18pt) WCAG AA × Fail

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, 227, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

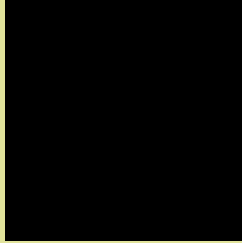
Any Text WCAG AA ✓ Pass

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, 227, 157 Background



This preview shows how black text looks on a background with the RYB color 155, 227, 157.

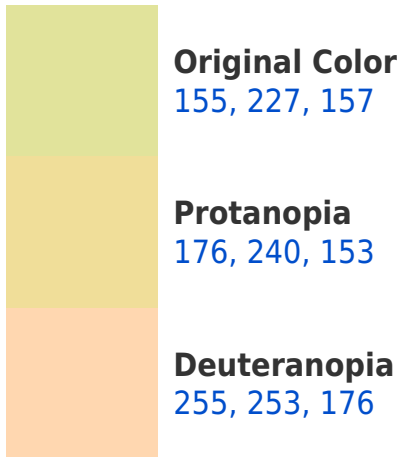


This preview shows how white text looks on a background with the RYB color 155, 227, 157.

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

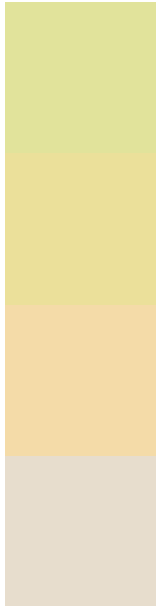




Tritanopia

235, 217, 234

Trichromacy



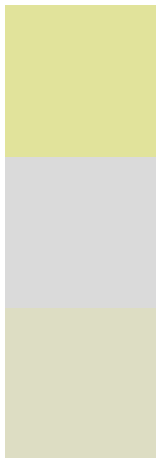
Original Color
155, 227, 157

Protanomaly
167, 235, 154

Deuteranomaly
205, 244, 168

Tritanomaly
221, 231, 205

Monochromacy



Original Color
155, 227, 157

Achromatopsia
218, 218, 218

Achromatomaly
195, 221, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 227, 157 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(225, 227, 155)` looks like.

```
.text, #text, p{  
    color:rgb(225, 227, 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(225, 227, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 227, 155) }
```

Border

The CSS property to change the border of an element to RYB 155, 227, 157 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(225, 227, 155) }
```

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

```
.border{ border-color:rgb(225, 227, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 227, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 227, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 227, 155); box-shadow:4px 4px 4px 4px rgb(225, 227, 155) }
```

Background

The CSS property to change the background color of an element to RYB 155, 227, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 227, 155) }
```

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

```
.background{ background-color: rgb(225,  
227, 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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