

Converting Colors

`RYB(139, 231, 150)`

Have a look what the booklet for
RYB(139, 231, 150) contains.

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Color

R_YB(139, 231, 150)

Conversions

Conversions Part 1

Format	Color
Hex	DCE78B
RGB	220, 231, 139
RGB Percent	86%, 91%, 55%
CMY	0.1373, 0.0941, 0.4549
CMYK	0.05, 0.00, 0.40, 0.09
HSL	67°, 66%, 73%
HSV	67°, 40%, 91%
XYZ	62.7513, 74.2316, 35.4469
YIQ	217.2230, 22.9760, -30.9440

Conversions

Conversions Part 2

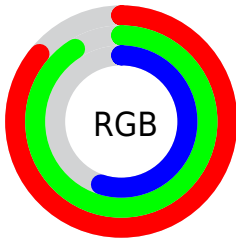
Format	Color
RYB	139, 231, 150
Decimal	14477195
CIELab	89.03, -17.35, 43.50
CIELCh	89, 46.836, 111.739
Yxy	74.2316, 0.3639, 0.4305
Android (android.graphics.Color)	4292667275 (0xFFDCE78B)
YUV	217.2230, -38.5639, 2.4354
Hunter-Lab	86.1577, -20.7690, 35.9174

Details

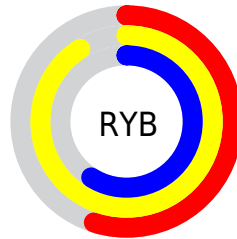
The RYB color **139, 231, 150** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **150, 139, 231**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **194, 255, 194**, and **87, 175, 98** is the 20% darker color. If you saturate the color by 10%, you get **116, 231, 130**, and if you desaturate by 10%, it is **162, 231, 170**.

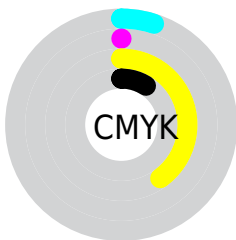
Distribution



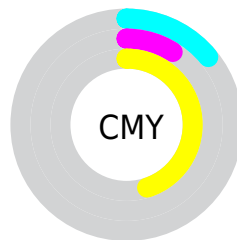
- Red (86%)
- Green (91%)
- Blue (55%)



- Red (55%)
- Yellow (91%)
- Blue (59%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 231, 150 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 139, 231, 150 by changing the saturation by 10% instead.

 139, 231, 150

255, 255, 255

 194, 255, 194


 222, 255, 222


 251, 255, 251

 139, 231, 150

 113, 203, 125

 87, 175, 98


 62, 149, 75

 37, 123, 50

 7, 98, 21

 0, 74, 15

 0, 52, 17

 0, 31, 26

 0, 0, 0

 139, 231, 150

 139, 231, 150

 116, 231, 130

 162, 231, 170

 93, 231, 110

 185, 231, 190

 70, 231, 89

 208, 231, 211

 47, 231, 69

 231, 231, 231

 23, 231, 48

 234, 231, 254

 0, 231, 28

 237, 231, 255

 239, 231, 255

 242, 231, 255

 245, 231, 255

Harmonies

Analogous

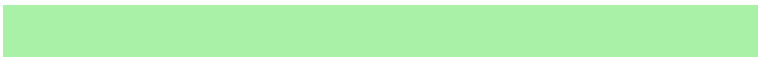
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



191, 255, 135



139, 231, 150



167, 241, 240

Triad

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



139, 231, 150



50, 149, 255



255, 190, 238

Complementary

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



139, 231, 150



150, 139, 231

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



139, 231, 150



136, 189, 255

Square

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



139, 231, 150



36, 143, 255



211, 216, 255



255, 190, 193

Rectangle

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



139, 231, 150



130, 204, 245



211, 216, 255



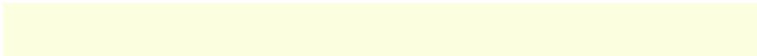
255, 192, 253

Sweetspot

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



139, 231, 150



224, 255, 228



231, 151, 139



110, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



139, 231, 150



133, 255, 148



139, 231, 196



103, 115, 105



0, 179, 22



0, 51, 6

Inverse Universe

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



150, 139, 231



147, 133, 255



196, 139, 231



105, 103, 115



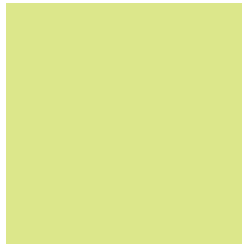
21, 0, 179



6, 0, 51

Previews

White Background



This preview shows how the RYB color 139, 231, 150 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 139, 231, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

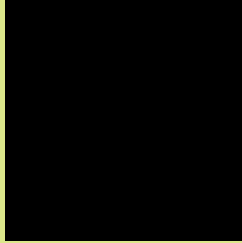
Any Text WCAG AA ✓ Pass

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 139, 231, 150 Background



This preview shows how black text looks on a background with the RYB color 139, 231, 150.

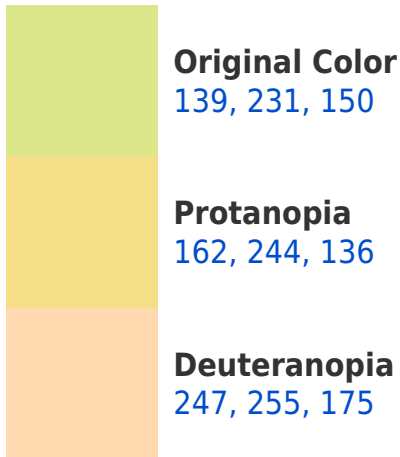


This preview shows how white text looks on a background with the RYB color 139, 231, 150.

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](#).

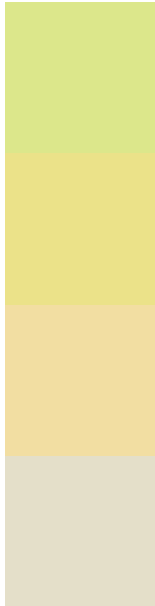
Dichromacy





Tritanopia
232, 219, 237

Trichromacy



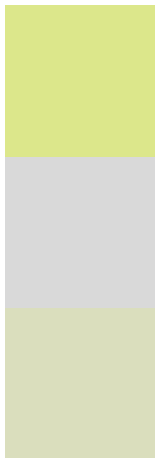
Original Color
139, 231, 150

Protanomaly
147, 235, 137

Deuteranomaly
189, 242, 162

Tritanomaly
207, 228, 201

Monochromacy



Original Color
139, 231, 150

Achromatopsia
217, 217, 217

Achromatomaly
189, 222, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 231, 150 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(220, 231, 139)` looks like.

```
.text, #text, p{  
    color:rgb(220, 231, 139)  
}
```

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(220, 231, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 231, 139) }
```

Border

The CSS property to change the border of an element to RYB 139, 231, 150 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(220, 231, 139) }
```

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

```
.border{ border-color:rgb(220, 231, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 231, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 231, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 231, 139);  
box-shadow:4px 4px 4px 4px rgb(220, 231,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 139, 231, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 231, 139) }
```

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

```
.background{ background-color: rgb(220,  
231, 139) }
```

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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