

Converting Colors

`RYB(135, 222, 164)`

Have a look what the booklet for
RYB(135, 222, 164) contains.

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Color

R_YB(135, 222, 164)

Conversions

Conversions Part 1

Format	Color
Hex	C1DE87
RGB	193, 222, 135
RGB Percent	76%, 87%, 53%
CMY	0.2431, 0.1294, 0.4706
CMYK	0.13, 0.00, 0.39, 0.13
HSL	80°, 57%, 70%
HSV	80°, 39%, 87%
XYZ	52.4868, 65.3293, 32.7651
YIQ	203.4110, 10.6430, -33.2050

Conversions

Conversions Part 2

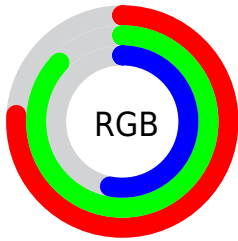
Format	Color
RYB	135, 222, 164
Decimal	12705415
CIELab	84.65, -23.64, 39.52
CIElCh	85, 46.047, 120.888
Yxy	65.3293, 0.3486, 0.4338
Android (android.graphics.Color)	4290895495 (0xFFC1DE87)
YUV	203.4110, -33.7266, -9.1304
Hunter-Lab	80.8265, -25.5329, 32.5438

Details

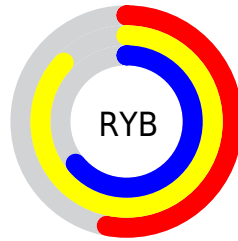
The RYB color **135, 222, 164** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **164, 135, 222**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **189, 255, 194**, and **84, 167, 113** is the 20% darker color. If you saturate the color by 10%, you get **113, 222, 149**, and if you desaturate by 10%, it is **157, 222, 179**.

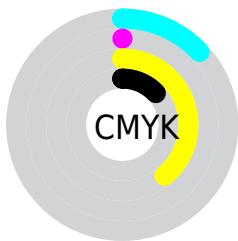
Distribution



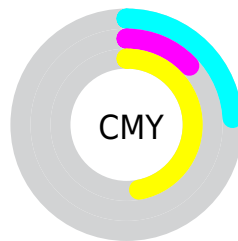
- Red (76%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (64%)



- Cyan (13%)
- Magenta (0%)
- Yellow (39%)
- Black (13%)



- Cyan (24%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 222, 164 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 135, 222, 164 by changing the saturation by 10% instead.

 135, 222, 164

255, 255, 255


 189, 255, 194

 217, 255, 217

 246, 255, 246

 135, 222, 164

 109, 194, 138

 84, 167, 113

 59, 140, 87

 34, 115, 63

 6, 90, 35

 0, 66, 29

 0, 44, 34

 0, 25, 25

 0, 0, 0

 135, 222, 164

 135, 222, 164

 113, 222, 149

 157, 222, 179

 91, 222, 135

 179, 222, 193

 68, 222, 119

 202, 222, 209

 46, 222, 105

 223, 222, 224

 24, 222, 90

 230, 222, 246

 2, 222, 75

 237, 222, 255

 0, 222, 74

 245, 222, 255

 252, 222, 255

 255, 222, 255

Harmonies

Analogous

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



162, 238, 123



135, 222, 164



140, 210, 231

Triad

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



135, 222, 164



63, 151, 255



255, 177, 212

Complementary

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



135, 222, 164



164, 135, 222

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, 185, 254



135, 222, 164



149, 190, 255

Square

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



135, 222, 164



0, 122, 255



218, 200, 255



255, 183, 169

Rectangle

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



135, 222, 164



100, 178, 234



218, 200, 255



255, 178, 226

Sweetspot

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



135, 222, 164



224, 255, 234



222, 179, 135



110, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



135, 222, 164



135, 255, 175



135, 222, 208



101, 112, 105



0, 176, 59



0, 48, 16

Inverse Universe

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



164, 135, 222



175, 135, 255



208, 135, 222



105, 101, 112



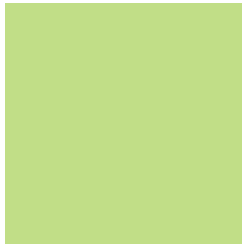
59, 0, 176



16, 0, 48

Previews

White Background



This preview shows how the RYB color 135, 222, 164 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 135, 222, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

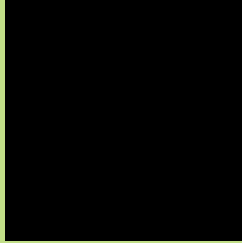
Any Text WCAG AA ✓ Pass

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 135, 222, 164 Background



This preview shows how black text looks on a background with the RYB color 135, 222, 164.

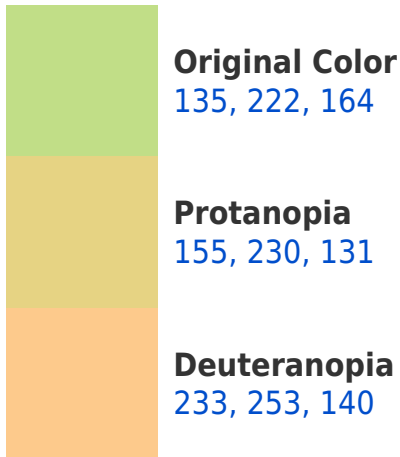


This preview shows how white text looks on a background with the RYB color 135, 222, 164.

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](#).

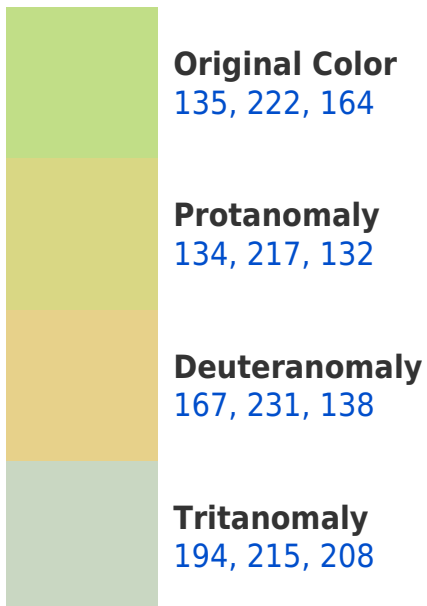
Dichromacy





Tritanopia
205, 210, 228

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 222, 164 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(193, 222, 135)` looks like.

```
.text, #text, p{  
    color:rgb(193, 222, 135)  
}
```

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(193, 222, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 222, 135) }
```

Border

The CSS property to change the border of an element to RYB 135, 222, 164 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(193, 222, 135) }
```

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

```
.border{ border-color:rgb(193, 222, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 222, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 222, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 222, 135);  
box-shadow:4px 4px 4px 4px rgb(193, 222,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 135, 222, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 222, 135) }
```

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

```
.background{ background-color: rgb(193,  
222, 135) }
```

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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