

Converting Colors

`RYB(135, 230, 155)`

Have a look what the booklet for
RYB(135, 230, 155) contains.

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Color

R_YB(135, 230, 155)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D2E687 |
| RGB | 210, 230, 135 |
| RGB Percent | 82%, 90%, 53% |
| CMY | 0.1765, 0.0980, 0.4706 |
| CMYK | 0.09, 0.00, 0.41, 0.10 |
| HSL | 73°, 66%, 72% |
| HSV | 73°, 41%, 90% |
| XYZ | 59.2483, 72.0445, 33.7049 |
| YIQ | 213.1900, 18.5750, -33.7850 |

Conversions

Conversions Part 2

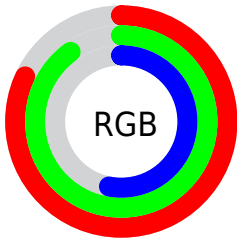
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 135, 230, 155 |
| Decimal | 13821575 |
| CIELab | 87.99, -21.11, 44.00 |
| CIELCh | 88, 48.804, 115.634 |
| Yxy | 72.0445, 0.3591, 0.4366 |
| Android (android.graphics.Color) | 4292011655 (0xFFD2E687) |
| YUV | 213.1900, -38.5477, -2.7976 |
| Hunter-Lab | 84.8791, -23.9396, 35.8717 |

Details

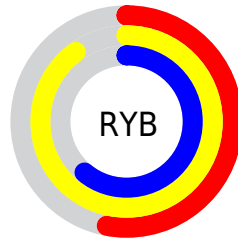
The RYB color **135, 230, 155** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **155, 135, 230**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **190, 255, 190**, and **83, 174, 103** is the 20% darker color. If you saturate the color by 10%, you get **112, 230, 137**, and if you desaturate by 10%, it is **158, 230, 173**.

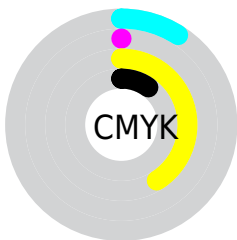
Distribution



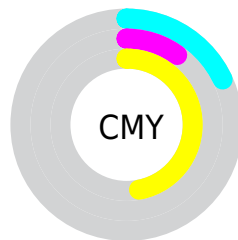
- Red (82%)
- Green (90%)
- Blue (53%)



- Red (53%)
- Yellow (90%)
- Blue (61%)



- Cyan (9%)
- Magenta (0%)
- Yellow (41%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 230, 155 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, 230, 155 by changing the saturation by 10% instead.

 135, 230, 155

255, 255, 255


 190, 255, 190


 218, 255, 218

 247, 255, 247

 135, 230, 155

 109, 202, 129

 83, 174, 103


 58, 148, 79

 32, 122, 53

 2, 97, 24

 0, 73, 22

 0, 51, 26

 0, 31, 31

 0, 0, 0

 135, 230, 155

 135, 230, 155

 112, 230, 137

 158, 230, 173

 89, 230, 119

 181, 230, 191

 66, 230, 101

 204, 230, 209

 43, 230, 82

 227, 230, 228

 20, 230, 64

 234, 230, 250

 0, 230, 48

 239, 230, 255

 244, 230, 255

 249, 230, 255

 254, 230, 255

Harmonies

Analogous

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



183, 255, 127



135, 230, 155



155, 229, 240

Triad

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



135, 230, 155



23, 135, 255



255, 184, 229

Complementary

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



135, 230, 155



155, 135, 230

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, 194, 255



135, 230, 155



138, 189, 255

Square

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



135, 230, 155



0, 125, 255



216, 211, 255



255, 187, 183

Rectangle

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



135, 230, 155



113, 193, 244



216, 211, 255



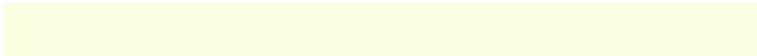
255, 187, 245

Sweetspot

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



135, 230, 155



224, 255, 230



230, 159, 135



110, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



135, 230, 155



128, 255, 155



135, 230, 201



103, 115, 106



0, 179, 38



0, 51, 11

Inverse Universe

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



155, 135, 230



154, 128, 255



202, 135, 230



106, 103, 115



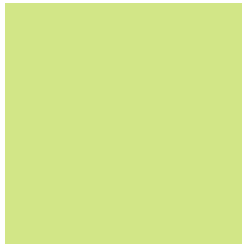
38, 0, 179



11, 0, 51

Previews

White Background



This preview shows how the RYB color 135, 230, 155 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, 230, 155 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, 230, 155 Background



This preview shows how black text looks on a background with the RYB color 135, 230, 155.

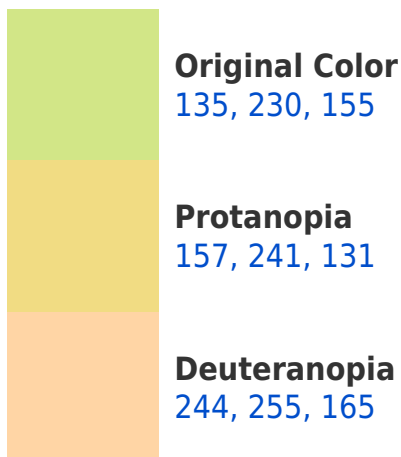


This preview shows how white text looks on a background with the RYB color 135, 230, 155.

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

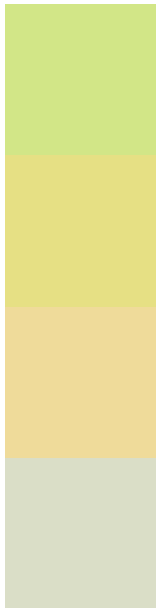




Tritanopia

222, 218, 235

Trichromacy



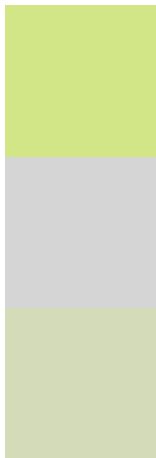
Original Color
135, 230, 155

Protanomaly
138, 230, 132

Deuteranomaly
180, 239, 154

Tritanomaly
199, 222, 203

Monochromacy



Original Color
135, 230, 155

Achromatopsia
213, 213, 213

Achromatomaly
185, 219, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 230, 155 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(210, 230, 135)` looks like.

```
.text, #text, p{  
    color:rgb(210, 230, 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(210, 230, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 230, 135) }
```

Border

The CSS property to change the border of an element to RYB 135, 230, 155 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(210, 230, 135) }
```

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

```
.border{ border-color:rgb(210, 230, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 230, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 230, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 230, 135);  
box-shadow:4px 4px 4px 4px rgb(210, 230,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 135, 230, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 230, 135) }
```

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

```
.background{ background-color: rgb(210,  
230, 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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