

Converting Colors

`RYB(135, 242, 160)`

Have a look what the booklet for
RYB(135, 242, 160) contains.

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Color

R_YB(135, 242, 160)

Conversions

Conversions Part 1

Format	Color
Hex	D9F287
RGB	217, 242, 135
RGB Percent	85%, 95%, 53%
CMY	0.1490, 0.0510, 0.4706
CMYK	0.10, 0.00, 0.44, 0.05
HSL	74°, 80%, 74%
HSV	74°, 44%, 95%
XYZ	64.7406, 80.0052, 34.9520
YIQ	222.3270, 19.4470, -38.5770

Conversions

Conversions Part 2

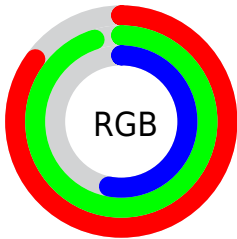
Format	Color
RYB	135, 242, 160
Decimal	14283399
CIELab	91.69, -24.24, 48.73
CIElCh	92, 54.423, 116.449
Yxy	80.0052, 0.3603, 0.4452
Android (android.graphics.Color)	4292473479 (0xFFD9F287)
YUV	222.3270, -43.0522, -4.6718
Hunter-Lab	89.4457, -27.3320, 39.4436

Details

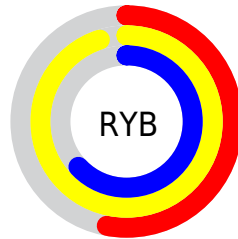
The RYB color **135, 242, 160** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **160, 135, 242**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **190, 255, 190**, and **82, 186, 108** is the 20% darker color. If you saturate the color by 10%, you get **111, 242, 142**, and if you desaturate by 10%, it is **159, 242, 178**.

Distribution



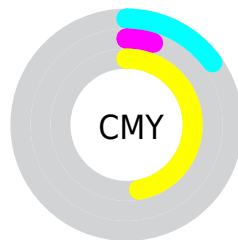
- Red (85%)
- Green (95%)
- Blue (53%)



- Red (53%)
- Yellow (95%)
- Blue (63%)



- Cyan (10%)
- Magenta (0%)
- Yellow (44%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 242, 160 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, 242, 160 by changing the saturation by 10% instead.

 135, 242, 160

255, 255, 255


 190, 255, 190


 218, 255, 218


 247, 255, 247


 135, 242, 160


 108, 214, 134

 82, 186, 108

 57, 159, 83

 30, 133, 57

 0, 107, 27

 0, 83, 28


 0, 60, 31

 0, 38, 38

 0, 11, 11

 135, 242, 160

 135, 242, 160

 111, 242, 142

 159, 242, 178

 87, 242, 123

 183, 242, 197

 62, 242, 104

 208, 242, 216


 38, 242, 86

 232, 242, 234

 14, 242, 67

 245, 242, 255

 0, 242, 57

 251, 242, 255

 255, 242, 255

Harmonies

Analogous

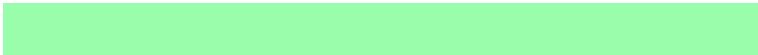
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162, 255, 125



135, 242, 160



154, 238, 253

Triad

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



135, 242, 160



0, 126, 255



255, 190, 240

Complementary

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



135, 242, 160



160, 135, 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, 201, 255



135, 242, 160



135, 190, 255

Square

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



135, 242, 160



0, 128, 255



227, 220, 255



255, 194, 187

Rectangle

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



135, 242, 160



102, 193, 255



227, 220, 255



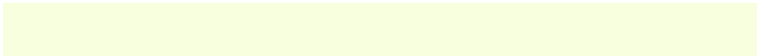
255, 192, 255

Sweetspot

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



135, 242, 160



222, 255, 230



242, 168, 135



107, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



135, 242, 160



120, 255, 152



135, 242, 213



108, 120, 111



0, 184, 43



0, 56, 13

Inverse Universe

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



160, 135, 242



151, 120, 255



213, 135, 242



111, 108, 120



43, 0, 184



13, 0, 56

Previews

White Background



This preview shows how the RYB color 135, 242, 160 looks on a white background.

Color Contrast Check

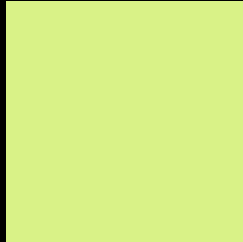
Large Text (above 18pt) WCAG AA × Fail

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, 242, 160 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, 242, 160 Background



This preview shows how black text looks on a background with the RYB color 135, 242, 160.

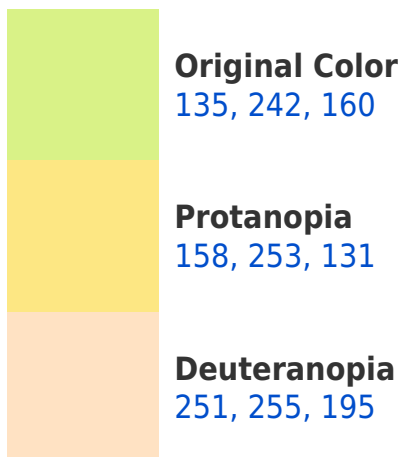


This preview shows how white text looks on a background with the RYB color 135, 242, 160.

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

231, 229, 247

Trichromacy



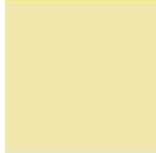
Original Color

135, 242, 160



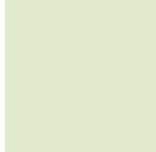
Protanomaly

137, 240, 132



Deuteranomaly

183, 241, 173



Tritanomaly

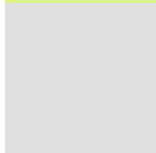
206, 234, 214

Monochromacy



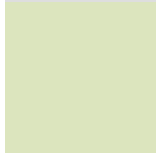
Original Color

135, 242, 160



Achromatopsia

222, 222, 222



Achromatomaly

190, 229, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 242, 160 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(217, 242, 135)` looks like.

```
.text, #text, p{  
    color:rgb(217, 242, 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(217, 242, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 242, 135) }
```

Border

The CSS property to change the border of an element to RYB 135, 242, 160 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(217, 242, 135) }
```

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

```
.border{ border-color:rgb(217, 242, 135) }
```

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

Here you see how a box with a 4 pixel rgb(217, 242, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 242, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 242, 135);  
box-shadow:4px 4px 4px 4px rgb(217, 242,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 135, 242, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 242, 135) }
```

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

```
.background{ background-color: rgb(217,  
242, 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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