

Converting Colors

`RYB(135, 224, 212)`

Have a look what the booklet for
RYB(135, 224, 212) contains.

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Color

R_YB(135, 224, 212)

Conversions

Conversions Part 1

Format	Color
Hex	93E087
RGB	147, 224, 135
RGB Percent	58%, 88%, 53%
CMY	0.4235, 0.1216, 0.4706
CMYK	0.34, 0.00, 0.40, 0.12
HSL	112°, 59%, 70%
HSV	112°, 40%, 88%
XYZ	43.0615, 61.2636, 32.4772
YIQ	190.8310, -17.3230, -44.0030

Conversions

Conversions Part 2

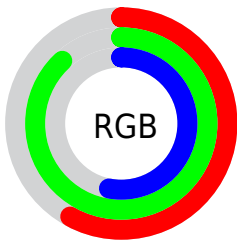
Format	Color
RYB	135, 224, 212
Decimal	9691271
CIELab	82.52, -40.64, 36.23
CIElCh	83, 54.444, 138.279
Yxy	61.2636, 0.3148, 0.4478
Android (android.graphics.Color)	4287881351 (0xFF93E087)
YUV	190.8310, -27.5247, -38.4398
Hunter-Lab	78.2711, -38.7712, 30.1885

Details

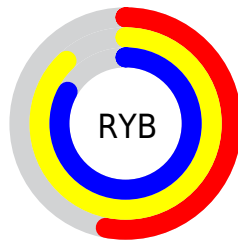
The RYB color **135, 224, 212** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **212, 135, 224**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **189, 255, 241**, and **84, 168, 160** is the 20% darker color. If you saturate the color by 10%, you get **113, 224, 209**, and if you desaturate by 10%, it is **157, 224, 215**.

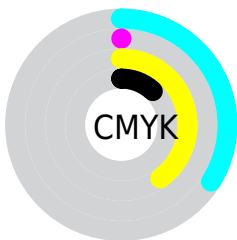
Distribution



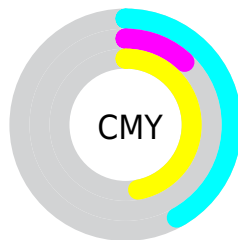
- Red (58%)
- Green (88%)
- Blue (53%)



- Red (53%)
- Yellow (88%)
- Blue (83%)



- Cyan (34%)
- Magenta (0%)
- Yellow (40%)
- Black (12%)



- Cyan (42%)
- Magenta (12%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 224, 212 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, 224, 212 by changing the saturation by 10% instead.

 135, 224, 212

255, 255, 255


 189, 255, 241

 217, 255, 240


 246, 255, 246

 135, 224, 212


 109, 196, 185

 84, 168, 160


 59, 141, 135

 35, 115, 114

 0, 83, 90

 0, 66, 66

 0, 44, 44

 0, 16, 16

 0, 0, 0

 135, 224, 212

 135, 224, 212

 113, 224, 209

 157, 224, 215

 90, 224, 206

 180, 224, 218

 68, 224, 203

 202, 224, 221

 45, 224, 200

 225, 224, 225

 23, 224, 197

 244, 224, 247

 1, 224, 194

 255, 224, 255

 0, 224, 194

Harmonies

Analogous

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



105, 212, 111



135, 224, 212



62, 160, 230

Triad

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



135, 224, 212



61, 147, 255



255, 164, 176

Complementary

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



135, 224, 212



212, 135, 224

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, 165, 228



135, 224, 212



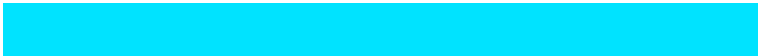
178, 195, 255

Square

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



135, 224, 212



0, 120, 255



249, 180, 255



255, 204, 131

Rectangle

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



135, 224, 212



0, 120, 232



249, 180, 255



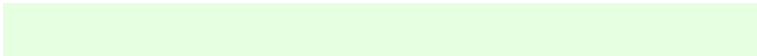
255, 163, 193

Sweetspot

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



135, 224, 212



224, 255, 250



150, 224, 135



110, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



135, 224, 212



133, 255, 239



135, 201, 224



101, 112, 111



0, 176, 152



0, 48, 41

Inverse Universe

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



212, 135, 224



238, 133, 255



224, 135, 193



111, 101, 112



152, 0, 176



42, 0, 48

Previews

White Background



This preview shows how the RYB color 135, 224, 212 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, 224, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

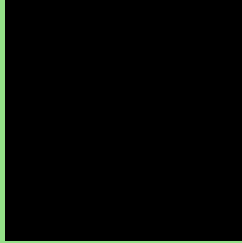
Any Text WCAG AA ✓ Pass

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, 224, 212 Background



This preview shows how black text looks on a background with the RYB color 135, 224, 212.

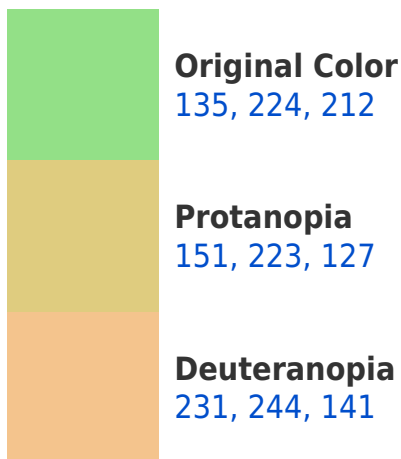


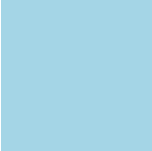
This preview shows how white text looks on a background with the RYB color 135, 224, 212.

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
164, 192, 230

Trichromacy



Original Color

135, 224, 212



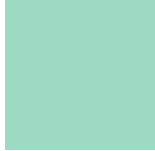
Protanomaly

130, 211, 146



Deuteranomaly

142, 209, 139



Tritanomaly

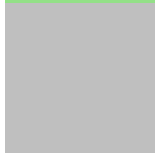
158, 194, 217

Monochromacy



Original Color

135, 224, 212



Achromatopsia

191, 191, 191



Achromatomaly

171, 203, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 224, 212 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(147, 224, 135)` looks like.

```
.text, #text, p{  
    color:rgb(147, 224, 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(147, 224, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 224, 135) }
```

Border

The CSS property to change the border of an element to RYB 135, 224, 212 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(147, 224, 135) }
```

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

```
.border{ border-color:rgb(147, 224, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 224, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 224, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 224, 135); box-shadow:4px 4px 4px 4px rgb(147, 224, 135) }
```

Background

The CSS property to change the background color of an element to RYB 135, 224, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 224, 135) }
```

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

```
.background{ background-color: rgb(147,  
224, 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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