

Converting Colors

`RYB(137, 225, 207)`

Have a look what the booklet for
RYB(137, 225, 207) contains.

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Color

R_YB(137, 225, 207)

Conversions

Conversions Part 1

Format	Color
Hex	9BE189
RGB	155, 225, 137
RGB Percent	61%, 88%, 54%
CMY	0.3922, 0.1176, 0.4627
CMYK	0.31, 0.00, 0.39, 0.12
HSL	108°, 59%, 71%
HSV	108°, 39%, 88%
XYZ	44.9581, 62.6251, 33.3852
YIQ	194.0380, -13.4720, -42.2080

Conversions

Conversions Part 2

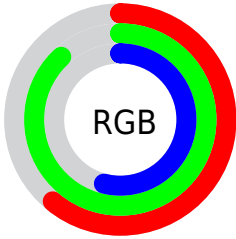
Format	Color
RYB	137, 225, 207
Decimal	10215817
CIELab	83.24, -38.20, 36.25
CIELCh	83, 52.662, 136.503
Yxy	62.6251, 0.3189, 0.4442
Android (android.graphics.Color)	4288405897 (0xFF9BE189)
YUV	194.0380, -28.1197, -34.2363
Hunter-Lab	79.1360, -37.0801, 30.3825

Details

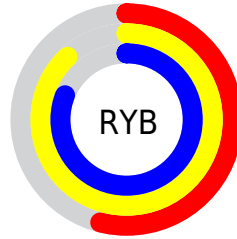
The RYB color **137, 225, 207** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **207, 137, 225**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **191, 255, 235**, and **86, 169, 154** is the 20% darker color. If you saturate the color by 10%, you get **114, 225, 202**, and if you desaturate by 10%, it is **160, 225, 212**.

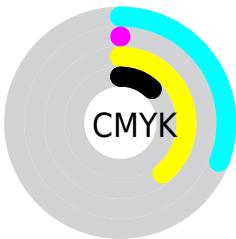
Distribution



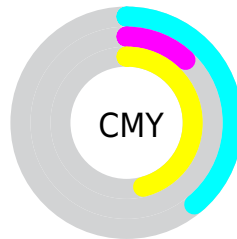
- Red (61%)
- Green (88%)
- Blue (54%)



- Red (54%)
- Yellow (88%)
- Blue (81%)



- Cyan (31%)
- Magenta (0%)
- Yellow (39%)
- Black (12%)



- Cyan (39%)
- Magenta (12%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 225, 207 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 137, 225, 207 by changing the saturation by 10% instead.

 137, 225, 207


255, 255, 255


 191, 255, 235


 219, 255, 233


 248, 255, 248


 137, 225, 207

 111, 197, 180

 86, 169, 154


 61, 142, 129

 37, 116, 106

 11, 91, 88

 0, 67, 67

 0, 44, 44

 0, 19, 19

 0, 0, 0

 137, 225, 207

 137, 225, 207

 114, 225, 202

 160, 225, 212

 92, 225, 198

 182, 225, 216

 70, 225, 194

 204, 225, 220

 47, 225, 189

 227, 225, 227

 24, 225, 183

 244, 225, 249

 2, 225, 179

 255, 225, 255

 0, 225, 179

Harmonies

Analogous

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



110, 213, 112



137, 225, 207



81, 171, 232

Triad

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



137, 225, 207



69, 152, 255



255, 168, 182

Complementary

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



137, 225, 207



207, 137, 225

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, 170, 232



137, 225, 207



177, 197, 255

Square

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



137, 225, 207



0, 121, 255



246, 184, 255



255, 201, 138

Rectangle

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



137, 225, 207



0, 121, 233



246, 184, 255



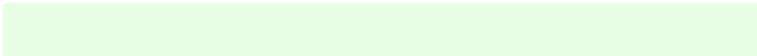
255, 167, 198

Sweetspot

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



137, 225, 207



224, 255, 248



161, 225, 137



110, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



137, 225, 207



135, 255, 230



137, 206, 225



101, 112, 110



0, 176, 140



0, 48, 38

Inverse Universe

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



207, 137, 225



230, 135, 255



225, 137, 200



110, 101, 112



140, 0, 176



39, 0, 48

Previews

White Background



This preview shows how the RYB color 137, 225, 207 looks on a white background.

Color Contrast Check

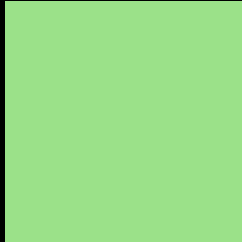
Large Text (above 18pt) WCAG AA × Fail

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 137, 225, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

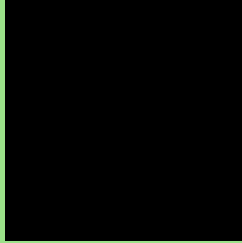
Any Text WCAG AA ✓ Pass

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](#).

R Y B 137, 225, 207 Background



This preview shows how black text looks on a background with the RYB color 137, 225, 207.

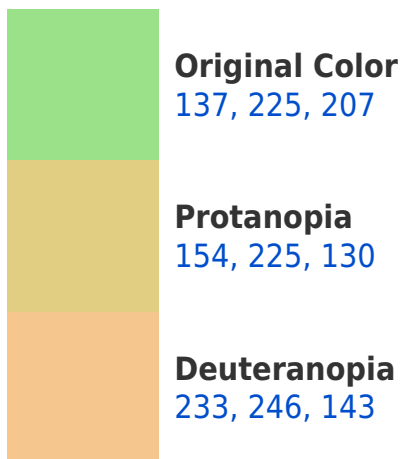


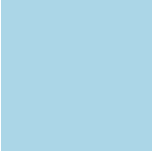
This preview shows how white text looks on a background with the RYB color 137, 225, 207.

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
171, 196, 231

Trichromacy



Original Color

137, 225, 207



Protanomaly

133, 213, 146



Deuteranomaly

146, 213, 141



Tritanomaly

165, 198, 218

Monochromacy



Original Color

137, 225, 207



Achromatopsia

194, 194, 194



Achromatomaly

173, 205, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 225, 207 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(155, 225, 137)` looks like.

```
.text, #text, p{  
    color:rgb(155, 225, 137)  
}
```

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(155, 225, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 225, 137) }
```

Border

The CSS property to change the border of an element to RYB 137, 225, 207 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(155, 225, 137) }
```

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

```
.border{ border-color:rgb(155, 225, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 225, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 225, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 225, 137);  
box-shadow:4px 4px 4px 4px rgb(155, 225,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 137, 225, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 225, 137) }
```

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

```
.background{ background-color: rgb(155,  
225, 137) }
```

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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