

Converting Colors

`RYB(137, 186, 195)`

Have a look what the booklet for
RYB(137, 186, 195) contains.

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Color

R_YB(137, 186, 195)

Conversions

Conversions Part 1

Format	Color
Hex	89C394
RGB	137, 195, 148
RGB Percent	54%, 76%, 58%
CMY	0.4627, 0.2353, 0.4210
CMYK	0.30, 0.00, 0.24, 0.24
HSL	131°, 33%, 65%
HSV	131°, 30%, 76%
XYZ	35.1495, 46.4757, 34.9913
YIQ	172.3000, -19.4810, -26.9130

Conversions

Conversions Part 2

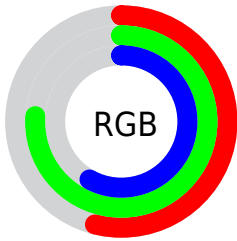
Format	Color
RYB	137, 186, 195
Decimal	9028500
CIELab	73.85, -28.41, 17.93
CIELCh	74, 33.590, 147.745
Yxy	46.4757, 0.3014, 0.3985
Android (android.graphics.Color)	4287218580 (0xFF89C394)
YUV	172.3000, -11.9799, -30.9581
Hunter-Lab	68.1731, -27.2698, 17.2893

Details

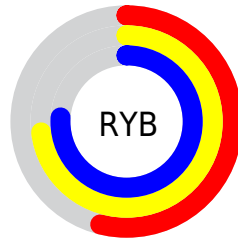
The RYB color **137, 186, 195** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **195, 137, 184**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **192, 243, 252**, and **85, 131, 141** is the 20% darker color. If you saturate the color by 10%, you get **117, 182, 195**, and if you desaturate by 10%, it is **157, 189, 195**.

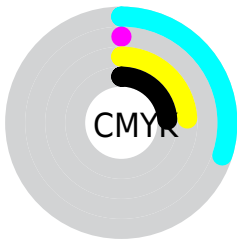
Distribution



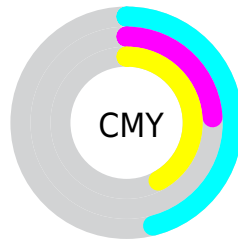
- Red (54%)
- Green (76%)
- Blue (58%)



- Red (54%)
- Yellow (73%)
- Blue (76%)



- Cyan (30%)
- Magenta (0%)
- Yellow (24%)
- Black (24%)



- Cyan (46%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 186, 195 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, 186, 195 by changing the saturation by 10% instead.


 137, 186, 195


255, 255, 255

 192, 243, 252

 220, 247, 255


 249, 252, 255

 137, 186, 195

 111, 159, 168

 85, 131, 141

 60, 104, 115


 35, 78, 90


 5, 49, 66


 0, 40, 44

 0, 22, 22


 0, 0, 0

 137, 186, 195


 137, 186, 195

 117, 182, 195


 157, 189, 195

 98, 180, 195


 176, 192, 195

 79, 177, 195


 195, 195, 195

 59, 174, 195

 215, 195, 211

 39, 171, 195

 234, 195, 227

 20, 168, 195

 254, 195, 243

 0, 165, 195

 255, 195, 255

Harmonies

Analogous

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



126, 188, 141



137, 186, 195



101, 155, 198

Triad

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



137, 186, 195



136, 170, 243



242, 160, 154

Complementary

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



137, 186, 195



195, 137, 184

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.



239, 158, 185



137, 186, 195



182, 174, 236

Square

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



137, 186, 195



93, 151, 233



219, 164, 215



230, 191, 130

Rectangle

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



137, 186, 195



82, 140, 199



219, 164, 215



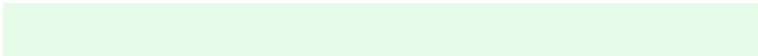
243, 159, 164

Sweetspot

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



137, 186, 195



230, 249, 252



137, 195, 148



113, 126, 128



0, 0, 0



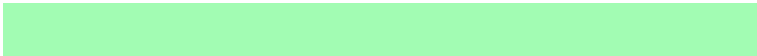
128, 128, 128

Same Dimension

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



137, 186, 195



162, 238, 252



137, 171, 195



87, 95, 97



0, 136, 161



0, 28, 33

Inverse Universe

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



195, 137, 184



252, 162, 236



195, 137, 155



97, 87, 95



161, 0, 131



33, 0, 27

Previews

White Background



This preview shows how the RYB color 137, 186, 195 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, 186, 195 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 137, 186, 195 Background



This preview shows how black text looks on a background with the RYB color 137, 186, 195.



This preview shows how white text looks on a background with the RYB color 137, 186, 195.

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



Original Color
137, 186, 195

Protanopia
157, 193, 141

Deuteranopia
208, 188, 152



Tritanopia
147, 171, 203

Trichromacy



Original Color
137, 186, 195

Protanomaly
143, 186, 156

Deuteranomaly
150, 182, 150

Tritanomaly
143, 169, 191

Monochromacy



Original Color
137, 186, 195

Achromatopsia
172, 172, 172

Achromatomaly
159, 177, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 186, 195 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(137, 195, 148)` looks like.

```
.text, #text, p{  
    color:rgb(137, 195, 148)  
}
```

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(137, 195, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 195, 148) }
```

Border

The CSS property to change the border of an element to RYB 137, 186, 195 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(137, 195, 148) }
```

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

```
.border{ border-color:rgb(137, 195, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 195, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 195, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 195, 148);  
box-shadow:4px 4px 4px 4px rgb(137, 195,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 137, 186, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 195, 148) }
```

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

```
.background{ background-color: rgb(137,  
195, 148) }
```

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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