

Converting Colors

`RYB(139, 208, 181)`

Have a look what the booklet for
RYB(139, 208, 181) contains.

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Color

R_YB(139, 208, 181)

Conversions

Conversions Part 1

Format	Color
Hex	A6D08B
RGB	166, 208, 139
RGB Percent	65%, 82%, 55%
CMY	0.3490, 0.1843, 0.4549
CMYK	0.20, 0.00, 0.33, 0.18
HSL	97°, 42%, 68%
HSV	97°, 33%, 82%
XYZ	42.9420, 55.0828, 32.7949
YIQ	187.5760, -2.8830, -30.3630

Conversions

Conversions Part 2

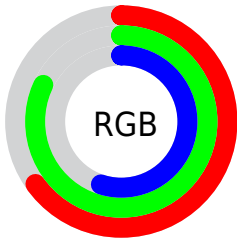
Format	Color
RYB	139, 208, 181
Decimal	10932363
CIELab	79.09, -26.20, 29.88
CIElCh	79, 39.743, 131.245
Yxy	55.0828, 0.3283, 0.4211
Android (android.graphics.Color)	4289122443 (0xFFA6D08B)
YUV	187.5760, -23.9480, -18.9222
Hunter-Lab	74.2178, -26.6022, 25.7538

Details

The RYB color **139, 208, 181** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **181, 139, 208**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **193, 255, 226**, and **88, 153, 128** is the 20% darker color. If you saturate the color by 10%, you get **118, 208, 173**, and if you desaturate by 10%, it is **160, 208, 189**.

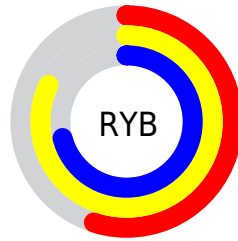
Distribution



Red (65%)

Green (82%)

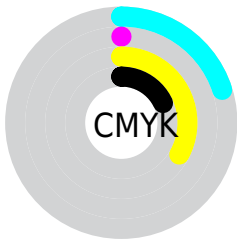
Blue (55%)



Red (55%)

Yellow (82%)

Blue (71%)

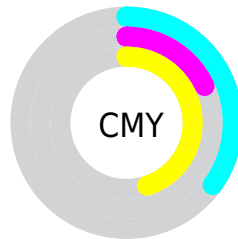


Cyan (20%)

Magenta (0%)

Yellow (33%)

Black (18%)



Cyan (35%)

Magenta (18%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 208, 181 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 139, 208, 181 by changing the saturation by 10% instead.

 139, 208, 181

255, 255, 255


 193, 255, 226


 221, 255, 225


 250, 255, 250

 139, 208, 181

 113, 180, 154

 88, 153, 128

 64, 127, 104

 41, 102, 81

 17, 78, 57

 0, 55, 41

 0, 34, 34

 0, 0, 0


 139, 208, 181

 139, 208, 181


 118, 208, 173

 160, 208, 189

 97, 208, 164

 181, 208, 198

 77, 208, 157

 201, 208, 205

 56, 208, 149

 217, 208, 222

 35, 208, 140

 229, 208, 243

 14, 208, 132

 242, 208, 255

 0, 208, 127

 255, 208, 255

Harmonies

Analogous

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



132, 207, 122



139, 208, 181



121, 181, 214

Triad

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



139, 208, 181



105, 165, 255



255, 167, 183

Complementary

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



139, 208, 181



181, 139, 208

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.



254, 170, 221



139, 208, 181



166, 188, 255

Square

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



139, 208, 181



55, 141, 243



218, 181, 252



255, 182, 149

Rectangle

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



139, 208, 181



89, 158, 216



218, 181, 252



255, 167, 196

Sweetspot

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



139, 208, 181



230, 255, 246



186, 208, 139



112, 128, 122



0, 0, 0



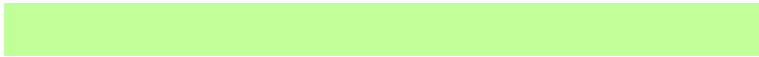
128, 128, 128

Same Dimension

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



139, 208, 181



153, 255, 215



139, 202, 208



94, 105, 101



0, 168, 102



0, 41, 25

Inverse Universe

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



181, 139, 208



215, 153, 255



208, 139, 201



100, 94, 105



102, 0, 168



25, 0, 41

Previews

White Background



This preview shows how the RYB color 139, 208, 181 looks on a white background.

Color Contrast Check

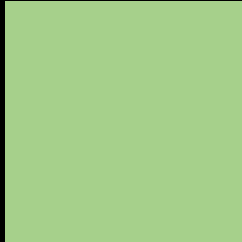
Large Text (above 18pt) WCAG AA × Fail

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 139, 208, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

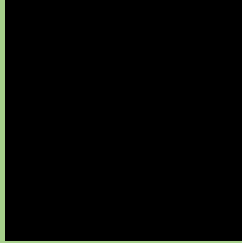
Any Text WCAG AA ✓ Pass

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 139, 208, 181 Background



This preview shows how black text looks on a background with the RYB color 139, 208, 181.

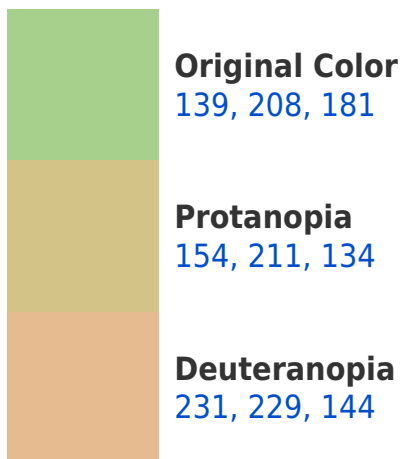


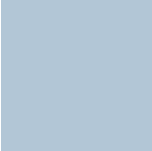
This preview shows how white text looks on a background with the RYB color 139, 208, 181.

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](#).

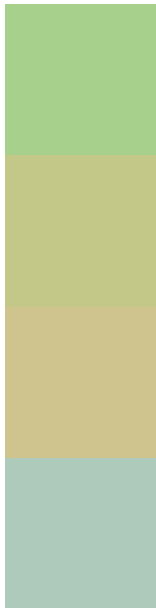
Dichromacy





Tritanopia
178, 191, 214

Trichromacy



Original Color
139, 208, 181

Protanomaly
136, 200, 141

Deuteranomaly
157, 207, 142

Tritanomaly
174, 193, 202

Monochromacy



Original Color
139, 208, 181

Achromatopsia
188, 188, 188

Achromatomaly
170, 195, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 208, 181 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(166, 208, 139)` looks like.

```
.text, #text, p{  
    color:rgb(166, 208, 139)  
}
```

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(166, 208, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 208, 139) }
```

Border

The CSS property to change the border of an element to RYB 139, 208, 181 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(166, 208, 139) }
```

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

```
.border{ border-color:rgb(166, 208, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 208, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 208, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 208, 139); box-shadow:4px 4px 4px 4px rgb(166, 208, 139) }
```

Background

The CSS property to change the background color of an element to RYB 139, 208, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 208, 139) }
```

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

```
.background{ background-color: rgb(166,  
208, 139) }
```

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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