

Converting Colors

`RYB(139, 208, 177)`

Have a look what the booklet for
RYB(139, 208, 177) contains.

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Color

R_YB(139, 208, 177)

Conversions

Conversions Part 1

Format	Color
Hex	AAD08B
RGB	170, 208, 139
RGB Percent	67%, 82%, 55%
CMY	0.3333, 0.1843, 0.4549
CMYK	0.18, 0.00, 0.33, 0.18
HSL	93°, 42%, 68%
HSV	93°, 33%, 82%
XYZ	43.7936, 55.5219, 32.8347
YIQ	188.7720, -0.4990, -29.5150

Conversions

Conversions Part 2

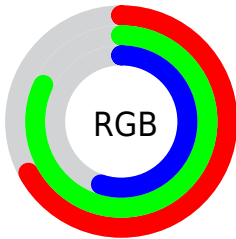
Format	Color
RYB	139, 208, 177
Decimal	11194507
CIELab	79.34, -24.77, 30.26
CIELCh	79, 39.106, 129.298
Yxy	55.5219, 0.3314, 0.4201
Android (android.graphics.Color)	4289384587 (0xFFAAD08B)
YUV	188.7720, -24.5376, -16.4630
Hunter-Lab	74.5130, -25.4877, 26.0325

Details

The RYB color **139, 208, 177** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **177, 139, 208**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **193, 255, 222**, and **88, 153, 124** is the 20% darker color. If you saturate the color by 10%, you get **118, 208, 167**, and if you desaturate by 10%, it is **160, 208, 187**.

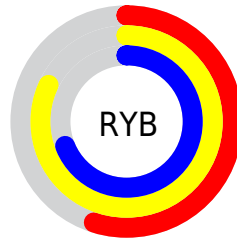
Distribution



Red (67%)

Green (82%)

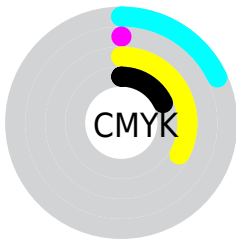
Blue (55%)



Red (55%)

Yellow (82%)

Blue (69%)

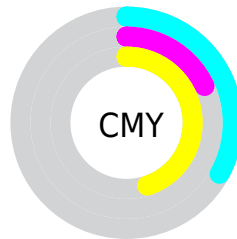


Cyan (18%)

Magenta (0%)

Yellow (33%)

Black (18%)



Cyan (33%)

Magenta (18%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 208, 177 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, 177 by changing the saturation by 10% instead.

 139, 208, 177


255, 255, 255


 193, 255, 222


 221, 255, 221


 250, 255, 250

 139, 208, 177

 113, 180, 150

 88, 153, 124

 64, 127, 100

 41, 102, 77

 17, 78, 53

 0, 55, 36

 0, 34, 34

 0, 0, 0

 139, 208, 177

 139, 208, 177

■ 118, 208, 167

■ 160, 208, 187

■ 97, 208, 158

■ 181, 208, 196

■ 77, 208, 149

■ 201, 208, 205

■ 56, 208, 140

■ 216, 208, 222

■ 35, 208, 130

■ 227, 208, 243

■ 14, 208, 121

■ 239, 208, 255

■ 0, 208, 115

■ 250, 208, 255

■ 255, 208, 255

Harmonies

Analogous

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



138, 210, 124



139, 208, 177



126, 185, 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, 177



104, 165, 255



255, 169, 186

Complementary

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



139, 208, 177



177, 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.



252, 172, 223



139, 208, 177



164, 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, 177



61, 144, 241



216, 183, 253



255, 180, 152

Rectangle

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



139, 208, 177



95, 162, 216



216, 183, 253



255, 169, 199

Sweetspot

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



139, 208, 177



230, 255, 244



195, 208, 139



112, 128, 121



0, 0, 0



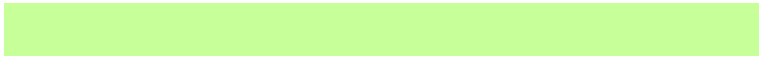
128, 128, 128

Same Dimension

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



139, 208, 177



153, 255, 209



139, 205, 208



94, 105, 100



0, 168, 92



0, 41, 23

Inverse Universe

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



177, 139, 208



209, 153, 255



208, 139, 205



100, 94, 105



93, 0, 168



22, 0, 41

Previews

White Background



This preview shows how the RYB color 139, 208, 177 looks on a white background.

Color Contrast Check

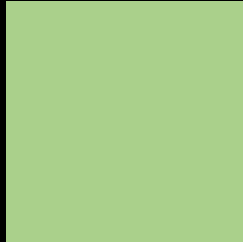
Large Text (above 18pt) WCAG AA × Fail

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, 177 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, 177 Background



This preview shows how black text looks on a background with the RYB color 139, 208, 177.



This preview shows how white text looks on a background with the RYB color 139, 208, 177.

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](#).

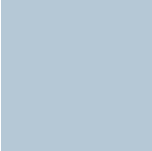
Dichromacy



Original Color
139, 208, 177

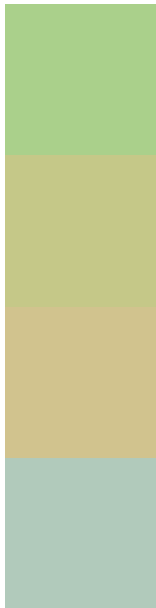
Protanopia
154, 212, 134

Deuteranopia
230, 232, 143



Tritanopia
181, 193, 214

Trichromacy



Original Color
139, 208, 177

Protanomaly
136, 200, 139

Deuteranomaly
160, 209, 142

Tritanomaly
177, 195, 202

Monochromacy



Original Color
139, 208, 177

Achromatopsia
189, 189, 189

Achromatomaly
171, 196, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 208, 177 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(170, 208, 139)` looks like.

```
.text, #text, p{  
    color:rgb(170, 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(170, 208, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 208, 139) }
```

Border

The CSS property to change the border of an element to RYB 139, 208, 177 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(170, 208, 139) }
```

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

```
.border{ border-color:rgb(170, 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(170, 208, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 208, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 208, 139);  
box-shadow:4px 4px 4px 4px rgb(170, 208,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 139, 208, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 208, 139) }
```

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

```
.background{ background-color: rgb(170,  
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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