

Converting Colors

`RYB(139, 214, 176)`

Have a look what the booklet for
RYB(139, 214, 176) contains.

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Color

R_YB(139, 214, 176)

Conversions

Conversions Part 1

Format	Color
Hex	B1D68B
RGB	177, 214, 139
RGB Percent	69%, 84%, 55%
CMY	0.3059, 0.1608, 0.4549
CMYK	0.17, 0.00, 0.35, 0.16
HSL	90°, 48%, 69%
HSV	90°, 35%, 84%
XYZ	46.8382, 59.3043, 33.4043
YIQ	194.3870, 2.0230, -31.1690

Conversions

Conversions Part 2

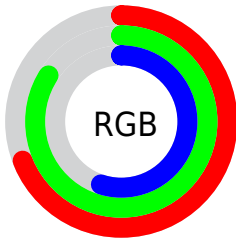
Format	Color
RYB	139, 214, 176
Decimal	11654795
CIELab	81.46, -25.15, 33.14
CIELCh	81, 41.603, 127.189
Yxy	59.3043, 0.3356, 0.4250
Android (android.graphics.Color)	4289844875 (0xFFB1D68B)
YUV	194.3870, -27.3058, -15.2484
Hunter-Lab	77.0093, -26.1999, 28.1883

Details

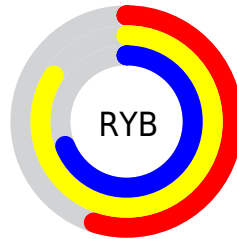
The RYB color **139, 214, 176** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **176, 139, 214**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **193, 255, 214**, and **88, 159, 124** is the 20% darker color. If you saturate the color by 10%, you get **118, 214, 166**, and if you desaturate by 10%, it is **160, 214, 186**.

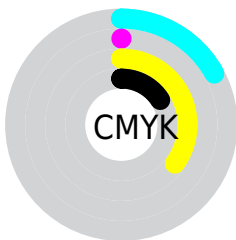
Distribution



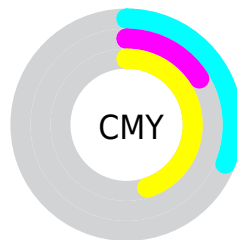
- Red (69%)
- Green (84%)
- Blue (55%)



- Red (55%)
- Yellow (84%)
- Blue (69%)



- Cyan (17%)
- Magenta (0%)
- Yellow (35%)
- Black (16%)



- Cyan (31%)
- Magenta (16%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 214, 176 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, 214, 176 by changing the saturation by 10% instead.

 139, 214, 176

255, 255, 255


 193, 255, 214


 221, 255, 221


 250, 255, 250

 139, 214, 176

 113, 186, 149


 88, 159, 124


 64, 133, 100

 40, 107, 75

 16, 83, 51

 0, 60, 36

 0, 38, 38

 0, 10, 10

 0, 0, 0

 139, 214, 176

 139, 214, 176

 118, 214, 166

 160, 214, 186

 96, 214, 154

 182, 214, 198

 75, 214, 144

 203, 214, 208

 53, 214, 132

 219, 214, 225


 32, 214, 122

 230, 214, 246

 11, 214, 111

 240, 214, 255

 0, 214, 106

 251, 214, 255

 255, 214, 255

Harmonies

Analogous

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



143, 219, 124



139, 214, 176



129, 192, 221

Triad

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



139, 214, 176



96, 164, 255



255, 172, 194

Complementary

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



139, 214, 176



176, 139, 214

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, 177, 233



139, 214, 176



162, 190, 255

Square

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



139, 214, 176



45, 139, 248



219, 189, 255



255, 184, 157

Rectangle

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



139, 214, 176



95, 166, 223



219, 189, 255



255, 173, 208

Sweetspot

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



139, 214, 176



227, 255, 241



214, 208, 139



111, 128, 120



0, 0, 0



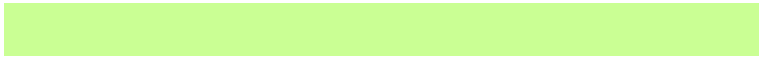
128, 128, 128

Same Dimension

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



139, 214, 176



148, 255, 201



139, 214, 213



96, 107, 101



0, 171, 84



0, 43, 21

Inverse Universe

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



176, 139, 214



201, 148, 255



213, 139, 214



102, 96, 107



84, 0, 171



21, 0, 43

Previews

White Background



This preview shows how the RYB color 139, 214, 176 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, 214, 176 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, 214, 176 Background



This preview shows how black text looks on a background with the RYB color 139, 214, 176.

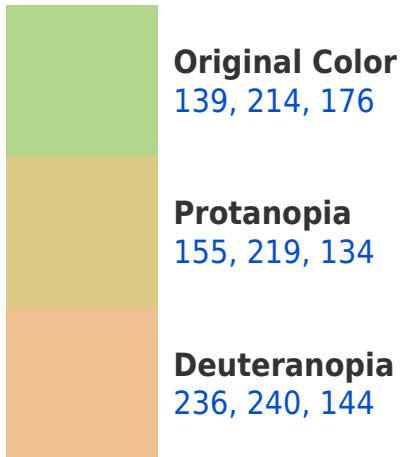


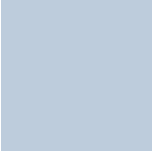
This preview shows how white text looks on a background with the RYB color 139, 214, 176.

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
189, 199, 220

Trichromacy



Original Color
139, 214, 176

Protanomaly
136, 206, 138

Deuteranomaly
162, 217, 142

Tritanomaly
185, 203, 208

Monochromacy



Original Color
139, 214, 176

Achromatopsia
194, 194, 194

Achromatomaly
174, 201, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 214, 176 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(177, 214, 139)` looks like.

```
.text, #text, p{  
    color:rgb(177, 214, 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(177, 214, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 214, 139) }
```

Border

The CSS property to change the border of an element to RYB 139, 214, 176 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(177, 214, 139) }
```

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

```
.border{ border-color:rgb(177, 214, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 214, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 214, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 214, 139);  
box-shadow:4px 4px 4px 4px rgb(177, 214,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 139, 214, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 214, 139) }
```

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

```
.background{ background-color: rgb(177,  
214, 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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