

Converting Colors

`RYB(141, 186, 200)`

Have a look what the booklet for
RYB(141, 186, 200) contains.

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Color

R_YB(141, 186, 200)

Conversions

Conversions Part 1

Format	Color
Hex	8DC89F
RGB	141, 200, 159
RGB Percent	55%, 78%, 62%
CMY	0.4471, 0.2157, 0.3751
CMYK	0.29, 0.00, 0.20, 0.22
HSL	139°, 35%, 67%
HSV	139°, 29%, 78%
XYZ	37.9277, 49.4868, 40.5158
YIQ	177.6850, -22.0030, -25.2590

Conversions

Conversions Part 2

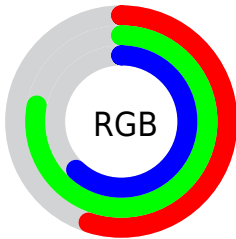
Format	Color
RYB	141, 186, 200
Decimal	9291935
CIELab	75.75, -27.38, 14.34
CIELCh	76, 30.908, 152.353
Yxy	49.4868, 0.2965, 0.3868
Android (android.graphics.Color)	4287482015 (0xFF8DC89F)
YUV	177.6850, -9.2117, -32.1727
Hunter-Lab	70.3469, -26.8683, 15.0951

Details

The RYB color **141, 186, 200** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **200, 141, 182**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **196, 241, 255**, and **89, 132, 146** is the 20% darker color. If you saturate the color by 10%, you get **121, 181, 200**, and if you desaturate by 10%, it is **161, 191, 200**.

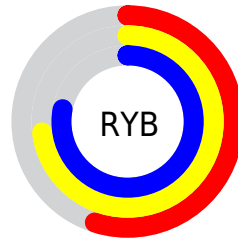
Distribution



Red (55%)

Green (78%)

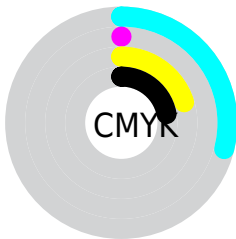
Blue (62%)



Red (55%)

Yellow (73%)

Blue (78%)

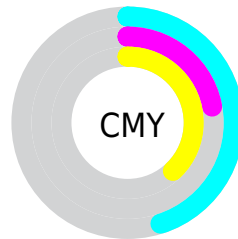


Cyan (29%)

Magenta (0%)

Yellow (20%)

Black (22%)



Cyan (45%)


Magenta (22%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 186, 200 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 141, 186, 200 by changing the saturation by 10% instead.


 141, 186, 200

255, 255, 255


 196, 241, 255


 224, 243, 255

253, 254, 255

 141, 186, 200

 115, 158, 172

 89, 132, 146

 64, 106, 120


 38, 79, 95


 9, 51, 71


 0, 35, 48


 0, 29, 29


 0, 0, 0


 141, 186, 200


 141, 186, 200

 121, 181, 200


 161, 191, 200

 101, 176, 200


 181, 195, 200


 81, 172, 200


 201, 200, 201

 61, 167, 200

 221, 200, 214

 41, 163, 200

 241, 200, 228

 21, 157, 200

 255, 200, 242

 1, 153, 200

 255, 200, 255

 0, 153, 200

Harmonies

Analogous

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



138, 194, 158



141, 186, 200



111, 161, 203

Triad

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



141, 186, 200



153, 179, 243



243, 169, 158

Complementary

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



141, 186, 200



200, 141, 182

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.



242, 166, 185



141, 186, 200



194, 179, 235

Square

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



141, 186, 200



115, 164, 236



225, 170, 214



229, 205, 137

Rectangle

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



141, 186, 200



98, 151, 207



225, 170, 214



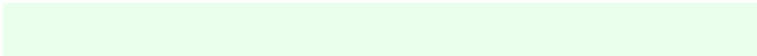
244, 167, 166

Sweetspot

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



141, 186, 200



232, 250, 255



141, 200, 159



113, 124, 128



0, 0, 0



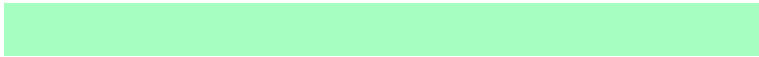
128, 128, 128

Same Dimension

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



141, 186, 200



166, 234, 255



141, 174, 200



90, 97, 99



0, 124, 163



0, 28, 36

Inverse Universe

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



200, 141, 182



255, 166, 227



200, 141, 153



99, 90, 96



163, 0, 112



36, 0, 25

Previews

White Background



This preview shows how the RYB color 141, 186, 200 looks on a white background.

Color Contrast Check

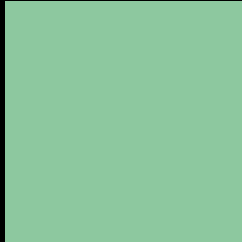
Large Text (above 18pt) WCAG AA × Fail

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 141, 186, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

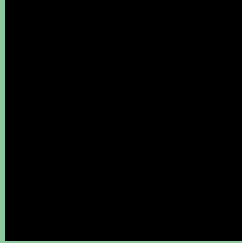
Any Text WCAG AA ✓ Pass

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 141, 186, 200 Background



This preview shows how black text looks on a background with the RYB color 141, 186, 200.

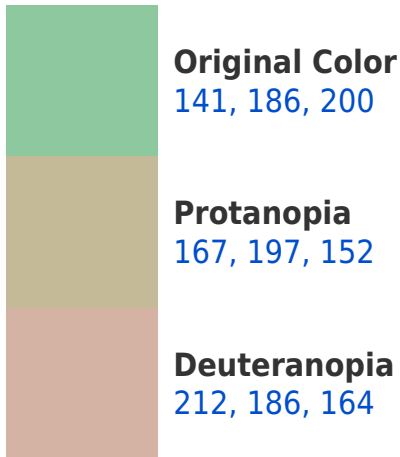


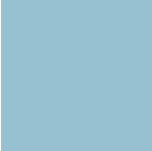
This preview shows how white text looks on a background with the RYB color 141, 186, 200.

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
151, 175, 209

Trichromacy



Original Color

141, 186, 200



Protanomaly

155, 191, 169



Deuteranomaly

162, 187, 163



Tritanomaly

147, 173, 196

Monochromacy



Original Color

141, 186, 200



Achromatopsia

178, 178, 178



Achromatomaly

165, 181, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 186, 200 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(141, 200, 159)` looks like.

```
.text, #text, p{  
    color:rgb(141, 200, 159)  
}
```

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(141, 200, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 200, 159) }
```

Border

The CSS property to change the border of an element to RYB 141, 186, 200 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(141, 200, 159) }
```

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

```
.border{ border-color:rgb(141, 200, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 200, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 200, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 200, 159); box-shadow:4px 4px 4px 4px rgb(141, 200, 159) }
```

Background

The CSS property to change the background color of an element to RYB 141, 186, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 200, 159) }
```

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

```
.background{ background-color: rgb(141,  
200, 159) }
```

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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