

Converting Colors

`RYB(145, 183, 197)`

Have a look what the booklet for RYB(145, 183, 197) contains.

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Color

$\text{RYB}(145, 183, 197)$

Conversions

Conversions Part 1

Format	Color
Hex	91C5A4
RGB	145, 197, 164
RGB Percent	57%, 77%, 64%
CMY	0.4314, 0.2275, 0.3562
CMYK	0.26, 0.00, 0.17, 0.23
HSL	142°, 31%, 67%
HSV	142°, 26%, 77%
XYZ	38.3584, 48.6383, 42.5632
YIQ	177.6900, -20.3990, -21.2870

Conversions

Conversions Part 2

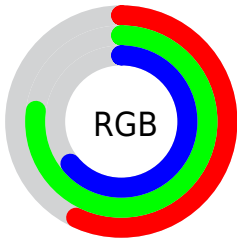
Format	Color
RYB	145, 183, 197
Decimal	9553316
CIELab	75.23, -23.72, 11.05
CIELCh	75, 26.165, 155.020
Yxy	48.6383, 0.2961, 0.3754
Android (android.graphics.Color)	4287743396 (0xFF91C5A4)
YUV	177.6900, -6.7492, -28.6691
Hunter-Lab	69.7412, -23.8700, 12.6340

Details

The RYB color **145, 183, 197** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **197, 145, 178**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **200, 240, 254**, and **93, 129, 143** is the 20% darker color. If you saturate the color by 10%, you get **125, 177, 197**, and if you desaturate by 10%, it is **165, 188, 197**.

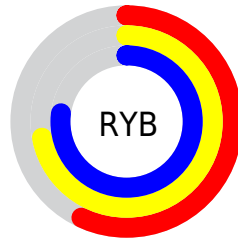
Distribution



Red (57%)

Green (77%)

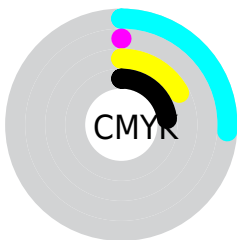
Blue (64%)



Red (57%)

Yellow (72%)

Blue (77%)

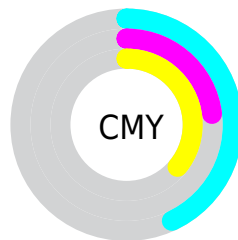


Cyan (26%)

Magenta (0%)

Yellow (17%)

Black (23%)



Cyan (43%)

Magenta (23%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 183, 197 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 145, 183, 197 by changing the saturation by 10% instead.

 145, 183, 197


255, 255, 255


 200, 240, 254

 228, 244, 255

 145, 183, 197

 119, 156, 170

 93, 129, 143

 68, 103, 117

 44, 78, 92

 18, 52, 68

 0, 31, 46

 0, 27, 27


 0, 0, 0

 145, 183, 197


 145, 183, 197

 125, 177, 197


 165, 188, 197


 106, 173, 197


 184, 193, 197

 86, 167, 197


 204, 197, 201

 66, 162, 197

 224, 197, 214

 47, 157, 197

 244, 197, 226

 27, 151, 197

 255, 197, 239

 7, 146, 197

 255, 197, 251

 0, 144, 197

 255, 197, 255

Harmonies

Analogous

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



145, 192, 165



145, 183, 197



122, 163, 199

Triad

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



145, 183, 197



161, 180, 233



233, 172, 159

Complementary

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



145, 183, 197



197, 145, 178

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.



233, 168, 182



145, 183, 197



194, 178, 225

Square

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



145, 183, 197



131, 169, 228



220, 171, 206



220, 205, 142

Rectangle

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



145, 183, 197



115, 158, 205



220, 171, 206



234, 169, 166

Sweetspot

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



145, 183, 197



235, 250, 255



145, 197, 164



115, 125, 128



0, 0, 0



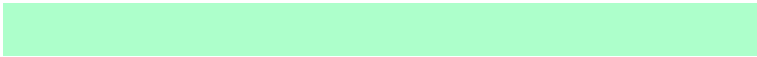
128, 128, 128

Same Dimension

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



145, 183, 197



173, 233, 255



145, 173, 197



90, 97, 99



0, 119, 163



0, 26, 36

Inverse Universe

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



197, 145, 178



255, 173, 225



197, 145, 152



99, 90, 96



163, 0, 103



36, 0, 23

Previews

White Background



This preview shows how the RYB color 145, 183, 197 looks on a white background.

Color Contrast Check

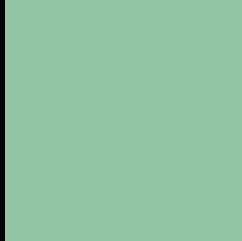
Large Text (above 18pt) WCAG AA × Fail

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 145, 183, 197 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 145, 183, 197 Background



This preview shows how black text looks on a background with the RYB color 145, 183, 197.

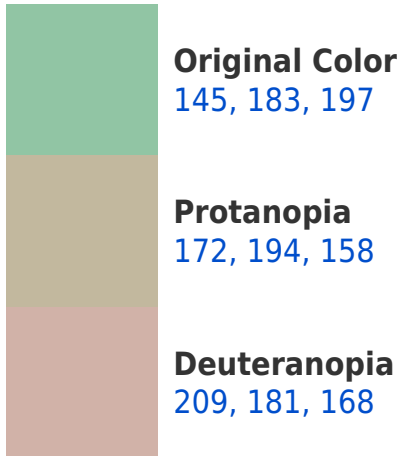


This preview shows how white text looks on a background with the RYB color 145, 183, 197.

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
153, 175, 206

Trichromacy



Original Color
145, 183, 197

Protanomaly
160, 189, 173

Deuteranomaly
168, 186, 167

Tritanomaly
150, 172, 193

Monochromacy



Original Color
145, 183, 197

Achromatopsia
178, 178, 178

Achromatomaly
166, 180, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 183, 197 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(145, 197, 164)` looks like.

```
.text, #text, p{  
    color:rgb(145, 197, 164)  
}
```

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(145, 197, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 197, 164) }
```

Border

The CSS property to change the border of an element to RYB 145, 183, 197 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(145, 197, 164) }
```

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

```
.border{ border-color:rgb(145, 197, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 197, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 197, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 197, 164); box-shadow:4px 4px 4px 4px rgb(145, 197, 164) }
```

Background

The CSS property to change the background color of an element to RYB 145, 183, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 197, 164) }
```

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

```
.background{ background-color: rgb(145,  
197, 164) }
```

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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