

Converting Colors

`RYB(141, 197, 160)`

Have a look what the booklet for
RYB(141, 197, 160) contains.

RYB(141, 197, 160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(141, 197, 160)

Conversions

Conversions Part 1

Format	Color
Hex	B2C58D
RGB	178, 197, 141
RGB Percent	70%, 77%, 55%
CMY	0.3020, 0.2275, 0.4471
CMYK	0.10, 0.00, 0.28, 0.23
HSL	80°, 33%, 66%
HSV	80°, 28%, 77%
XYZ	43.1341, 51.3206, 32.8318
YIQ	184.9350, 6.6520, -21.4440

Conversions

Conversions Part 2

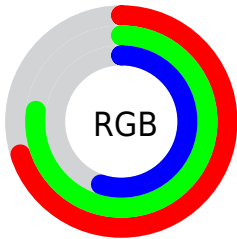
Format	Color
RYB	141, 197, 160
Decimal	11715981
CIELab	76.87, -16.08, 26.01
CIELCh	77, 30.579, 121.721
Yxy	51.3206, 0.3389, 0.4032
Android (android.graphics.Color)	4289906061 (0xFFB2C58D)
YUV	184.9350, -21.6600, -6.0820
Hunter-Lab	71.6384, -17.8908, 22.9743

Details

The RYB color **141, 197, 160** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **160, 141, 197**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **195, 254, 215**, and **90, 143, 108** is the 20% darker color. If you saturate the color by 10%, you get **121, 197, 147**, and if you desaturate by 10%, it is **161, 197, 173**.

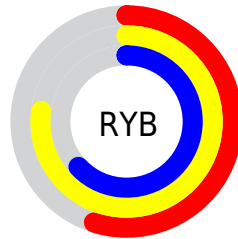
Distribution



Red (70%)

Green (77%)

Blue (55%)



Red (55%)

Yellow (77%)

Blue (63%)

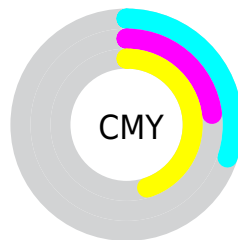


Cyan (10%)

Magenta (0%)

Yellow (28%)

Black (23%)



Cyan (30%)

Magenta (23%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 197, 160 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, 197, 160 by changing the saturation by 10% instead.

 141, 197, 160

255, 255, 255


 195, 254, 215

 223, 255, 223

 252, 255, 252


 141, 197, 160

 115, 170, 134

 90, 143, 108

 66, 118, 85

 43, 93, 61

 21, 69, 39


 0, 47, 17


 0, 27, 27


 0, 0, 0


 141, 197, 160


 141, 197, 160


 121, 197, 147


 161, 197, 173

 102, 197, 134

 180, 197, 186


 82, 197, 121

 198, 197, 200


 62, 197, 108


 205, 197, 220

 43, 197, 95


 211, 197, 240


 23, 197, 82

 218, 197, 255

 3, 197, 69

 225, 197, 255

 0, 197, 67

 231, 197, 255

 238, 197, 255

Harmonies

Analogous

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



160, 208, 133



141, 197, 160



145, 190, 203

Triad

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



141, 197, 160



118, 167, 239



244, 169, 189

Complementary

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



141, 197, 160



160, 141, 197

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.



227, 173, 217



141, 197, 160



156, 182, 246

Square

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



141, 197, 160



102, 157, 218



196, 182, 238



246, 172, 161

Rectangle

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



141, 197, 160



125, 172, 205



196, 182, 238



241, 170, 199

Sweetspot

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



141, 197, 160



232, 255, 240



197, 170, 141



113, 128, 118



0, 0, 0



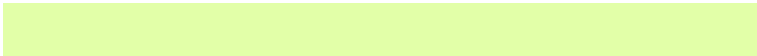
128, 128, 128

Same Dimension

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



141, 197, 160



168, 255, 197



141, 197, 188



90, 99, 93



0, 163, 55



0, 36, 12

Inverse Universe

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



160, 141, 197



198, 168, 255



188, 141, 197



93, 90, 99



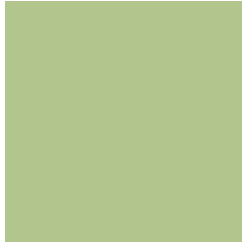
55, 0, 163



12, 0, 36

Previews

White Background



This preview shows how the RYB color 141, 197, 160 looks on a white background.

Color Contrast Check

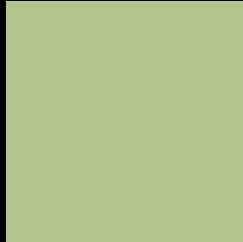
Large Text (above 18pt) WCAG AA × Fail

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, 197, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

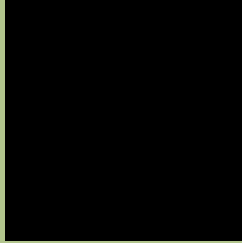
Any Text WCAG AA ✓ Pass

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, 197, 160 Background



This preview shows how black text looks on a background with the RYB color 141, 197, 160.



This preview shows how white text looks on a background with the RYB color 141, 197, 160.

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](#).

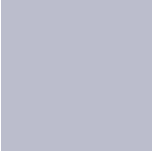
Dichromacy



Original Color
141, 197, 160

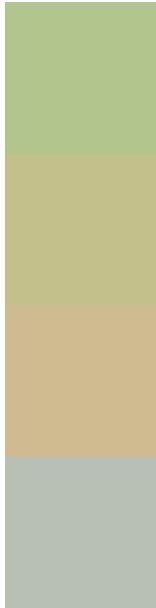
Protanopia
157, 204, 138

Deuteranopia
223, 217, 144



Tritanopia
187, 189, 204

Trichromacy



Original Color

141, 197, 160

Protanomaly

142, 195, 139

Deuteranomaly

172, 207, 143

Tritanomaly

181, 192, 189

Monochromacy



Original Color

141, 197, 160

Achromatopsia

185, 185, 185

Achromatomaly

169, 189, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 197, 160 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(178, 197, 141)` looks like.

```
.text, #text, p{  
    color:rgb(178, 197, 141)  
}
```

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(178, 197, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 197, 141) }
```

Border

The CSS property to change the border of an element to RYB 141, 197, 160 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(178, 197, 141) }
```

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

```
.border{ border-color:rgb(178, 197, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 197, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 197, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 197, 141);  
box-shadow:4px 4px 4px 4px rgb(178, 197,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 141, 197, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 197, 141) }
```

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

```
.background{ background-color: rgb(178,  
197, 141) }
```

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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