

Converting Colors

`RYB(157, 214, 188)`

Have a look what the booklet for
RYB(157, 214, 188) contains.

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Color

R_YB(157, 214, 188)

Conversions

Conversions Part 1

Format	Color
Hex	B7D69D
RGB	183, 214, 157
RGB Percent	72%, 84%, 62%
CMY	0.2824, 0.1608, 0.3843
CMYK	0.14, 0.00, 0.27, 0.16
HSL	93°, 41%, 73%
HSV	93°, 27%, 84%
XYZ	49.6608, 60.5947, 40.9768
YIQ	198.2330, -0.1790, -24.2990

Conversions

Conversions Part 2

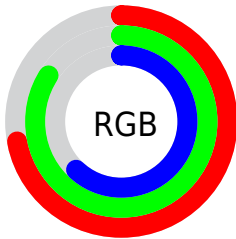
Format	Color
RYB	157, 214, 188
Decimal	12048029
CIELab	82.16, -20.39, 24.85
CIElCh	82, 32.143, 129.378
Yxy	60.5947, 0.3284, 0.4007
Android (android.graphics.Color)	4290238109 (0xFFB7D69D)
YUV	198.2330, -20.3279, -13.3593
Hunter-Lab	77.8426, -22.3480, 23.2792

Details

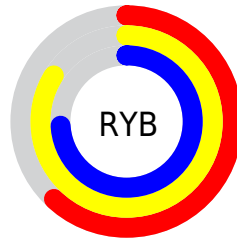
The RYB color **157, 214, 188** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **188, 157, 214**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **212, 255, 228**, and **105, 159, 135** is the 20% darker color. If you saturate the color by 10%, you get **136, 214, 179**, and if you desaturate by 10%, it is **178, 214, 197**.

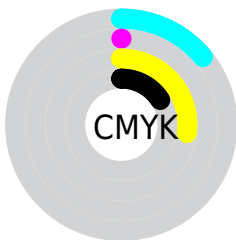
Distribution



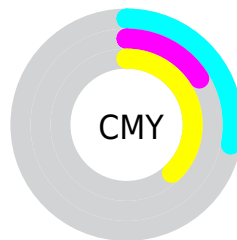
- Red (72%)
- Green (84%)
- Blue (62%)



- Red (62%)
- Yellow (84%)
- Blue (74%)



- Cyan (14%)
- Magenta (0%)
- Yellow (27%)
- Black (16%)



- Cyan (28%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 214, 188 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 157, 214, 188 by changing the saturation by 10% instead.


 157, 214, 188

255, 255, 255


 212, 255, 228


 240, 255, 240

 157, 214, 188

 131, 186, 161


 105, 159, 135


 81, 133, 110

 57, 108, 86

 35, 83, 63

 13, 60, 41

 0, 38, 27

 0, 14, 14

 0, 0, 0

 157, 214, 188

 157, 214, 188

 136, 214, 179

 178, 214, 197

 114, 214, 168

 200, 214, 208


 93, 214, 159

 218, 214, 221

 71, 214, 149

 230, 214, 243

 50, 214, 139

 241, 214, 255

 29, 214, 130

 253, 214, 255

 7, 214, 119

 255, 214, 255

 0, 214, 116

Harmonies

Analogous

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



158, 216, 145



157, 214, 188



148, 196, 219

Triad

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



157, 214, 188



137, 183, 255



255, 182, 196

Complementary

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



157, 214, 188



188, 157, 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.



251, 185, 226



157, 214, 188



180, 198, 255

Square

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



157, 214, 188



112, 171, 242



221, 193, 251



255, 191, 167

Rectangle

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



157, 214, 188



128, 179, 221



221, 193, 251



255, 182, 206

Sweetspot

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



157, 214, 188



235, 255, 246



208, 214, 157



115, 128, 122



0, 0, 0



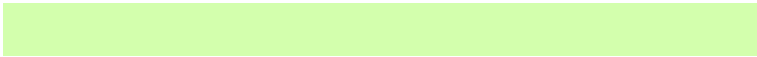
128, 128, 128

Same Dimension

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



157, 214, 188



173, 255, 217



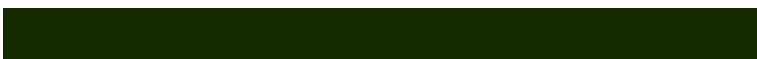
157, 212, 214



96, 107, 102



0, 171, 93



0, 43, 23

Inverse Universe

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



188, 157, 214



218, 173, 255



214, 157, 212



102, 96, 107



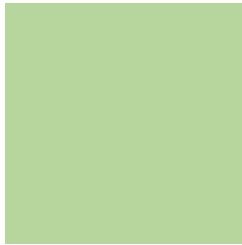
93, 0, 171



24, 0, 43

Previews

White Background



This preview shows how the RYB color 157, 214, 188 looks on a white background.

Color Contrast Check

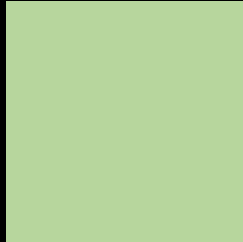
Large Text (above 18pt) WCAG AA × Fail

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 157, 214, 188 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 157, 214, 188 Background



This preview shows how black text looks on a background with the RYB color 157, 214, 188.

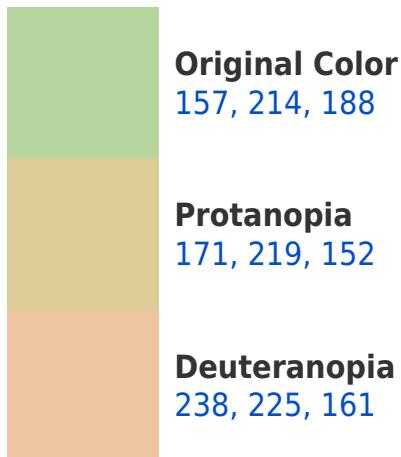


This preview shows how white text looks on a background with the RYB color 157, 214, 188.

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](#).

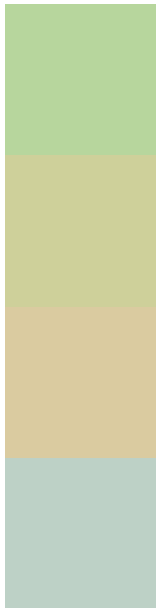
Dichromacy





Tritanopia
193, 202, 222

Trichromacy



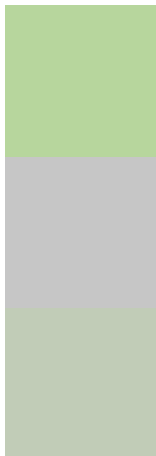
Original Color
157, 214, 188

Protanomaly
154, 208, 156

Deuteranomaly
180, 218, 160

Tritanomaly
189, 203, 209

Monochromacy



Original Color
157, 214, 188

Achromatopsia
198, 198, 198

Achromatomaly
183, 204, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 214, 188 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(183, 214, 157)` looks like.

```
.text, #text, p{  
    color:rgb(183, 214, 157)  
}
```

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(183, 214, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 214, 157) }
```

Border

The CSS property to change the border of an element to RYB 157, 214, 188 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(183, 214, 157) }
```

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

```
.border{ border-color:rgb(183, 214, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 214, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 214, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 214, 157);  
box-shadow:4px 4px 4px 4px rgb(183, 214,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 157, 214, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 214, 157) }
```

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

```
.background{ background-color: rgb(183,  
214, 157) }
```

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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