

Converting Colors

`RYB(157, 207, 215)`

Have a look what the booklet for
RYB(157, 207, 215) contains.

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Color

$\text{RYB}(157, 207, 215)$

Conversions

Conversions Part 1

Format	Color
Hex	9DD7A6
RGB	157, 215, 166
RGB Percent	62%, 84%, 65%
CMY	0.3843, 0.1569, 0.3479
CMYK	0.27, 0.00, 0.23, 0.16
HSL	130°, 42%, 73%
HSV	130°, 27%, 84%
XYZ	45.1137, 58.5324, 45.1314
YIQ	192.0720, -18.8390, -27.5350

Conversions

Conversions Part 2

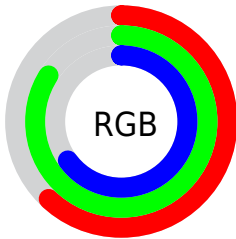
Format	Color
RYB	157, 207, 215
Decimal	10344358
CIELab	81.03, -28.22, 18.18
CIElCh	81, 33.572, 147.213
Yxy	58.5324, 0.3032, 0.3934
Android (android.graphics.Color)	4288534438 (0xFF9DD7A6)
YUV	192.0720, -12.8535, -30.7581
Hunter-Lab	76.5065, -28.6300, 18.5792

Details

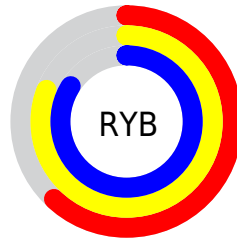
The RYB color **157, 207, 215** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **215, 157, 206**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **213, 248, 255**, and **104, 152, 160** is the 20% darker color. If you saturate the color by 10%, you get **136, 205, 215**, and if you desaturate by 10%, it is **179, 211, 215**.

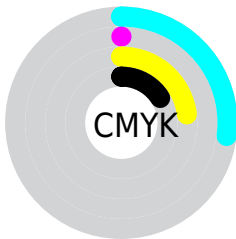
Distribution



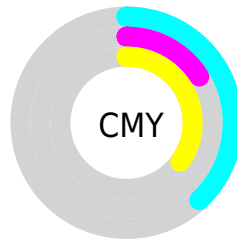
- Red (62%)
- Green (84%)
- Blue (65%)



- Red (62%)
- Yellow (81%)
- Blue (84%)



- Cyan (27%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)



- Cyan (38%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 207, 215 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, 207, 215 by changing the saturation by 10% instead.


 157, 207, 215

255, 255, 255


 213, 248, 255

 241, 250, 255

 157, 207, 215

 130, 178, 187


 104, 152, 160

 79, 126, 134

 54, 98, 108

 28, 71, 83

 0, 44, 60

 0, 38, 38

 0, 7, 7

 0, 0, 0

 157, 207, 215


 157, 207, 215

 136, 205, 215


 179, 211, 215

 114, 201, 215


 200, 213, 215

 93, 199, 215


 222, 215, 220

 71, 195, 215

 243, 215, 239

 49, 192, 215

 255, 215, 255

 28, 189, 215

 6, 186, 215

 0, 186, 215

Harmonies

Analogous

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



145, 208, 160



157, 207, 215



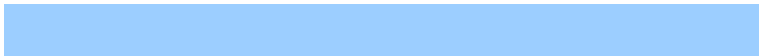
122, 176, 218

Triad

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



157, 207, 215



156, 189, 255



255, 180, 174

Complementary

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



157, 207, 215



215, 157, 206

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, 178, 205



157, 207, 215



202, 194, 255

Square

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



157, 207, 215



115, 172, 253



239, 184, 236



251, 211, 150

Rectangle

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



157, 207, 215



105, 162, 219



239, 184, 236



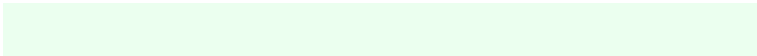
255, 178, 184

Sweetspot

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



157, 207, 215



235, 252, 255



157, 215, 166



115, 126, 128



0, 0, 0



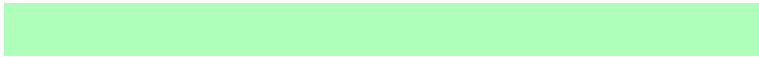
128, 128, 128

Same Dimension

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



157, 207, 215



173, 244, 255



157, 192, 215



96, 105, 107



0, 148, 171



0, 37, 43

Inverse Universe

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



215, 157, 206



255, 173, 242



215, 157, 177



107, 96, 105



171, 0, 144



43, 0, 36

Previews

White Background



This preview shows how the RYB color 157, 207, 215 looks on a white background.

Color Contrast Check

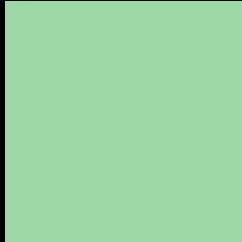
Large Text (above 18pt) WCAG AA × Fail

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, 207, 215 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, 207, 215 Background



This preview shows how black text looks on a background with the RYB color 157, 207, 215.

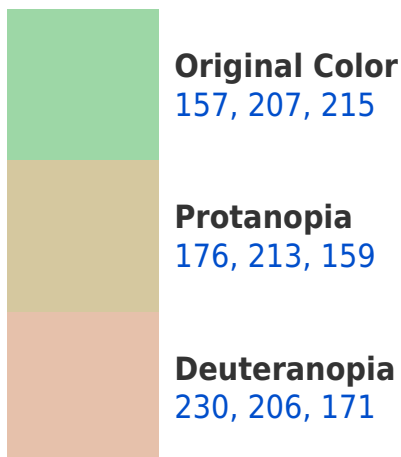


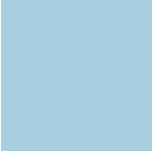
This preview shows how white text looks on a background with the RYB color 157, 207, 215.

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
168, 191, 224

Trichromacy



Original Color

157, 207, 215



Protanomaly

162, 205, 174



Deuteranomaly

171, 203, 169



Tritanomaly

164, 189, 210

Monochromacy



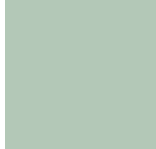
Original Color

157, 207, 215



Achromatopsia

192, 192, 192



Achromatomaly

179, 197, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 207, 215 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(157, 215, 166)` looks like.

```
.text, #text, p{  
    color:rgb(157, 215, 166)  
}
```

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(157, 215, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 215, 166) }
```

Border

The CSS property to change the border of an element to RYB 157, 207, 215 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(157, 215, 166) }
```

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

```
.border{ border-color:rgb(157, 215, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 215, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 215, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 215, 166);  
box-shadow:4px 4px 4px 4px rgb(157, 215,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 157, 207, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 215, 166) }
```

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

```
.background{ background-color: rgb(157,  
215, 166) }
```

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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