

Converting Colors

`RYB(177, 186, 188)`

Have a look what the booklet for
RYB(177, 186, 188) contains.

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Color

R_YB(177, 186, 188)

Conversions

Conversions Part 1

Format	Color
Hex	B1BCB3
RGB	177, 188, 179
RGB Percent	69%, 74%, 70%
CMY	0.3059, 0.2627, 0.2963
CMYK	0.06, 0.00, 0.05, 0.26
HSL	133°, 8%, 72%
HSV	133°, 6%, 74%
XYZ	44.2964, 48.5862, 49.9273
YIQ	183.6850, -3.6670, -5.1310

Conversions

Conversions Part 2

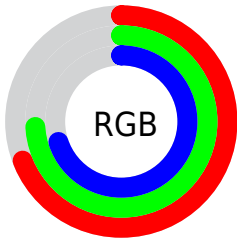
Format	Color
RYB	177, 186, 188
Decimal	11648179
CIELab	75.19, -5.42, 3.00
CIELCh	75, 6.195, 150.992
Yxy	48.5862, 0.3102, 0.3402
Android (android.graphics.Color)	4289838259 (0xFFB1BCB3)
YUV	183.6850, -2.3097, -5.8627
Hunter-Lab	69.7038, -8.5459, 6.3246

Details

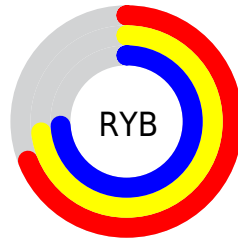
The RYB color **177, 186, 188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **188, 177, 186**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **233, 242, 244**, and **124, 133, 135** is the 20% darker color. If you saturate the color by 10%, you get **158, 182, 188**, and if you desaturate by 10%, it is **196, 188, 194**.

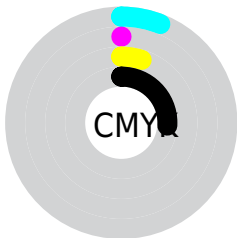
Distribution



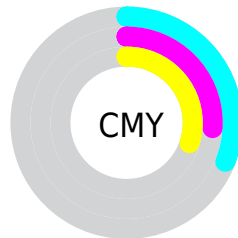
- Red (69%)
- Green (74%)
- Blue (70%)



- Red (69%)
- Yellow (73%)
- Blue (74%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (26%)



- Cyan (31%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 186, 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 177, 186, 188 by changing the saturation by 10% instead.

■ 177, 186, 188

255, 255, 255

■ 233, 242, 244

■ 177, 186, 188

■ 150, 159, 161

■ 124, 133, 135

■ 100, 108, 110

■ 76, 83, 85

■ 53, 60, 62

■ 32, 38, 40

■ 8, 18, 20


■ 0, 0, 0

■ 177, 186, 188


■ 177, 186, 188

 158, 182, 188


 196, 188, 194

 139, 179, 188


 215, 188, 209

 121, 176, 188


 233, 188, 223

 102, 172, 188


 252, 188, 238


 83, 169, 188

 255, 188, 253

 64, 165, 188

 255, 188, 255

 45, 162, 188

 27, 159, 188

 8, 155, 188

Harmonies

Analogous

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



175, 187, 179



177, 186, 188



173, 182, 189

Triad

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



177, 186, 188



180, 184, 196



198, 183, 179

Complementary

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



177, 186, 188



188, 177, 186

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.



197, 181, 185



177, 186, 188



187, 184, 195

Square

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



177, 186, 188



174, 182, 195



193, 182, 191



195, 188, 175

Rectangle

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



177, 186, 188



171, 180, 189



193, 182, 191



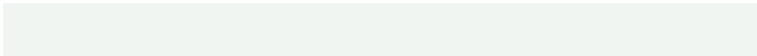
198, 182, 181

Sweetspot

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



177, 186, 188



240, 244, 245



177, 188, 179



120, 122, 122



250, 250, 250



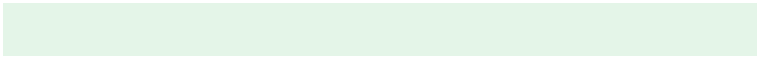
122, 122, 122

Same Dimension

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



177, 186, 188



228, 242, 245



177, 183, 188



87, 93, 94



0, 129, 158



0, 25, 31

Inverse Universe

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



188, 177, 186



245, 228, 241



188, 177, 180



94, 87, 93



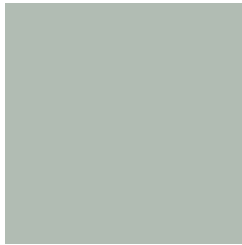
158, 0, 123



31, 0, 24

Previews

White Background



This preview shows how the RYB color 177, 186, 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 177, 186, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

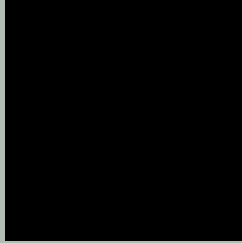
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

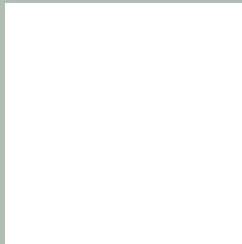
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R/Y/B 177, 186, 188 Background



This preview shows how black text looks on a background with the R/Y/B color 177, 186, 188.



This preview shows how white text looks on a background with the R/Y/B color 177, 186, 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](#).

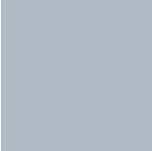
Dichromacy



Original Color
177, 186, 188

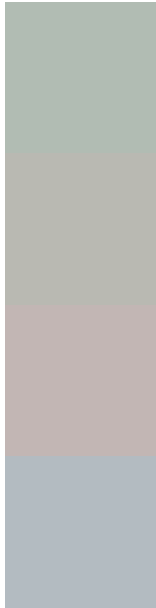
Protanopia
188, 190, 177

Deuteranopia
204, 179, 181



Tritanopia
180, 184, 200

Trichromacy



Original Color

177, 186, 188

Protanomaly

178, 185, 178

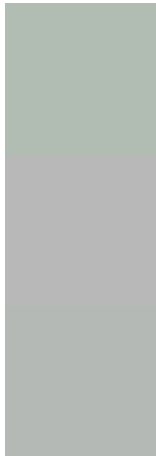
Deuteranomaly

194, 182, 180

Tritanomaly

179, 184, 193

Monochromacy



Original Color

177, 186, 188

Achromatopsia

184, 184, 184

Achromatomaly

181, 184, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 186, 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(177, 188, 179) looks like.

```
.text, #text, p{  
    color:rgb(177, 188, 179)  
}
```

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(177, 188, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 188, 179) }
```

Border

The CSS property to change the border of an element to RYB 177, 186, 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(177, 188, 179) }
```

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

```
.border{ border-color:rgb(177, 188, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 188, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 188, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 188, 179);  
box-shadow:4px 4px 4px 4px rgb(177, 188,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 177, 186, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 188, 179) }
```

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

```
.background{ background-color: rgb(177,  
188, 179) }
```

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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