

Converting Colors

`RYB(172, 198, 199)`

Have a look what the booklet for
RYB(172, 198, 199) contains.

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Color

R_YB(172, 198, 199)

Conversions

Conversions Part 1

Format	Color
Hex	ACC7AD
RGB	172, 199, 173
RGB Percent	67%, 78%, 68%
CMY	0.3255, 0.2196, 0.3214
CMYK	0.14, 0.00, 0.13, 0.22
HSL	122°, 19%, 73%
HSV	122°, 14%, 78%
XYZ	44.9832, 52.6361, 47.3436
YIQ	187.9630, -7.7460, -13.8100

Conversions

Conversions Part 2

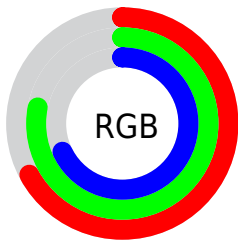
Format	Color
RYB	172, 198, 199
Decimal	11323309
CIELab	77.66, -14.06, 9.96
CIELCh	78, 17.230, 144.667
Yxy	52.6361, 0.3103, 0.3631
Android (android.graphics.Color)	4289513389 (0xFFACC7AD)
YUV	187.9630, -7.3768, -13.9996
Hunter-Lab	72.5508, -16.2895, 12.0953

Details

The RYB color **172, 198, 199** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **199, 172, 198**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **228, 255, 255**, and **119, 143, 145** is the 20% darker color. If you saturate the color by 10%, you get **152, 197, 199**, and if you desaturate by 10%, it is **192, 199, 199**.

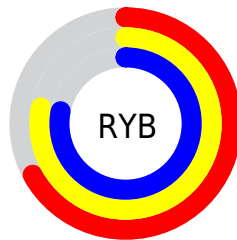
Distribution



Red (67%)

Green (78%)

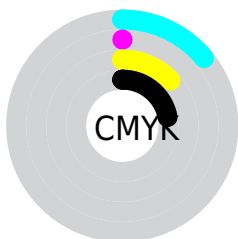
Blue (68%)



Red (67%)

Yellow (78%)

Blue (78%)

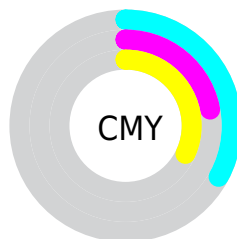


Cyan (14%)

Magenta (0%)

Yellow (13%)

Black (22%)



Cyan (33%)


Magenta (22%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 198, 199 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 172, 198, 199 by changing the saturation by 10% instead.

 172, 198, 199


255, 255, 255


 228, 255, 255

 172, 198, 199

 145, 171, 172

 119, 143, 145

 95, 118, 119

 71, 94, 95

 48, 69, 71

 26, 45, 48

 3, 28, 28


 0, 0, 0

 172, 198, 199


 172, 198, 199

 152, 197, 199


 192, 199, 199


 132, 196, 199


 212, 199, 211

 112, 195, 199


 232, 199, 230


 92, 194, 199


 252, 199, 250

 73, 195, 199

 255, 199, 255

 53, 194, 199

 33, 193, 199

 13, 192, 199

 0, 191, 199

Harmonies

Analogous

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



163, 195, 168



172, 198, 199



157, 183, 201

Triad

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



172, 198, 199



171, 187, 223



226, 181, 179

Complementary

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



172, 198, 199



199, 172, 198

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.



222, 181, 195



172, 198, 199



191, 189, 221

Square

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



172, 198, 199



155, 181, 217



210, 184, 211



220, 195, 166

Rectangle

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



172, 198, 199



151, 177, 201



210, 184, 211



226, 181, 184

Sweetspot

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



172, 198, 199



245, 255, 255



172, 199, 173



121, 128, 128



0, 0, 0



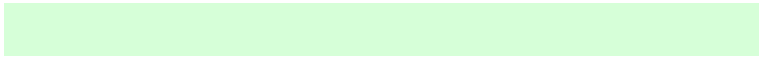
128, 128, 128

Same Dimension

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



172, 198, 199



214, 253, 255



172, 190, 199



90, 99, 99



0, 157, 163



0, 35, 36

Inverse Universe

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



199, 172, 198



255, 214, 253



199, 172, 185



99, 90, 99



163, 0, 157



36, 0, 34

Previews

White Background



This preview shows how the RYB color 172, 198, 199 looks on a white background.

Color Contrast Check

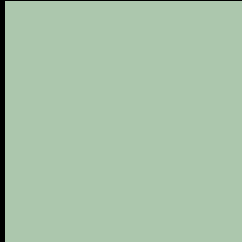
Large Text (above 18pt) WCAG AA × Fail

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 172, 198, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

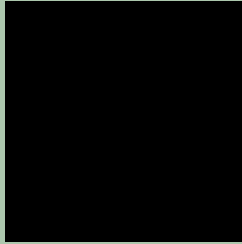
Any Text WCAG AA ✓ Pass

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](#).

RYP 172, 198, 199 Background



This preview shows how black text looks on a background with the RYB color 172, 198, 199.

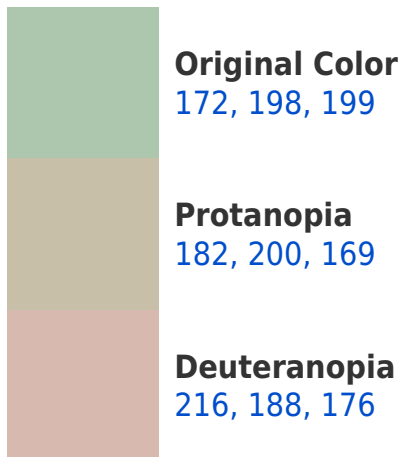


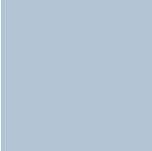
This preview shows how white text looks on a background with the RYB color 172, 198, 199.

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](#).

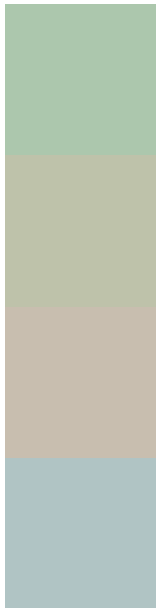
Dichromacy





Tritanopia
178, 189, 209

Trichromacy



Original Color
172, 198, 199

Protanomaly
170, 194, 174

Deuteranomaly
192, 200, 175

Tritanomaly
176, 186, 196

Monochromacy



Original Color
172, 198, 199

Achromatopsia
188, 188, 188

Achromatomaly
182, 191, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 198, 199 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(172, 199, 173)` looks like.

```
.text, #text, p{  
    color:rgb(172, 199, 173)  
}
```

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(172, 199, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 199, 173) }
```

Border

The CSS property to change the border of an element to RYB 172, 198, 199 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(172, 199, 173) }
```

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

```
.border{ border-color:rgb(172, 199, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 199, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 199, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 199, 173); box-shadow:4px 4px 4px 4px rgb(172, 199, 173) }
```

Background

The CSS property to change the background color of an element to RYB 172, 198, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 199, 173) }
```

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

```
.background{ background-color: rgb(172,  
199, 173) }
```

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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