

Converting Colors

`RYB(172, 205, 194)`

Have a look what the booklet for
RYB(172, 205, 194) contains.

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Color

R_YB(172, 205, 194)

Conversions

Conversions Part 1

Format	Color
Hex	B7CDAC
RGB	183, 205, 172
RGB Percent	72%, 80%, 67%
CMY	0.2824, 0.1961, 0.3255
CMYK	0.11, 0.00, 0.16, 0.20
HSL	100°, 25%, 74%
HSV	100°, 16%, 80%
XYZ	48.8062, 56.7085, 47.4032
YIQ	194.6600, -2.5190, -14.9270

Conversions

Conversions Part 2

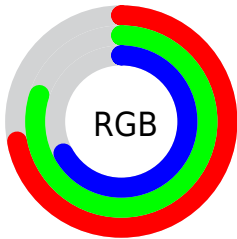
Format	Color
RYB	172, 205, 194
Decimal	12045740
CIELab	80.02, -13.47, 13.96
CIElCh	80, 19.401, 133.973
Yxy	56.7085, 0.3192, 0.3708
Android (android.graphics.Color)	4290235820 (0xFFB7CDAC)
YUV	194.6600, -11.1714, -10.2258
Hunter-Lab	75.3050, -16.0957, 15.3915

Details

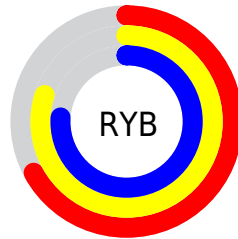
The RYB color **172, 205, 194** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **194, 172, 205**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **227, 255, 243**, and **120, 151, 141** is the 20% darker color. If you saturate the color by 10%, you get **152, 205, 188**, and if you desaturate by 10%, it is **193, 205, 201**.

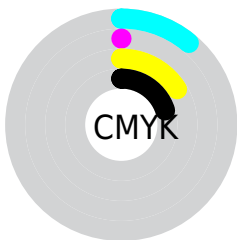
Distribution



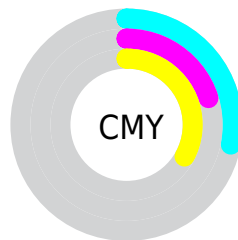
- Red (72%)
- Green (80%)
- Blue (67%)



- Red (67%)
- Yellow (80%)
- Blue (76%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 205, 194 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, 205, 194 by changing the saturation by 10% instead.

■ 172, 205, 194

255, 255, 255

■ 227, 255, 243

■ 172, 205, 194

■ 145, 178, 167

■ 120, 151, 141

■ 95, 125, 115

■ 71, 100, 91

■ 49, 76, 68

■ 27, 53, 45

■ 2, 32, 18


■ 0, 0, 0

■ 172, 205, 194

■ 172, 205, 194

 152, 205, 188

 193, 205, 201

 131, 205, 180

 210, 205, 213


 111, 205, 174

 224, 205, 234

 90, 205, 167

 238, 205, 254

 70, 205, 160

 251, 205, 255

 49, 205, 153

 255, 205, 255

 29, 205, 147

 8, 205, 139

 0, 205, 137

Harmonies

Analogous

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



167, 204, 163



172, 205, 194



164, 192, 208

Triad

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



172, 205, 194



167, 190, 233



236, 186, 190

Complementary

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



172, 205, 194



194, 172, 205

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.



229, 187, 209



172, 205, 194



189, 196, 233

Square

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



172, 205, 194



152, 183, 223



212, 191, 225



234, 194, 174

Rectangle

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



172, 205, 194



155, 184, 209



212, 191, 225



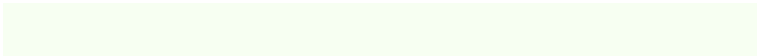
235, 186, 197

Sweetspot

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



172, 205, 194



242, 255, 250



189, 205, 172



120, 128, 126



0, 0, 0



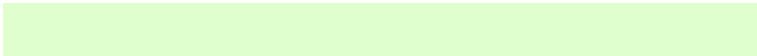
128, 128, 128

Same Dimension

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



172, 205, 194



207, 255, 239



172, 200, 205



92, 102, 99



0, 166, 111



0, 38, 25

Inverse Universe

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



194, 172, 205



239, 207, 255



205, 172, 200



99, 92, 102



111, 0, 166



26, 0, 38

Previews

White Background



This preview shows how the RYB color 172, 205, 194 looks on a white background.

Color Contrast Check

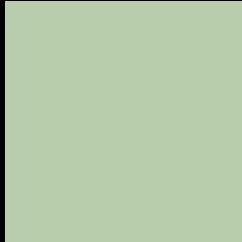
Large Text (above 18pt) WCAG AA × Fail

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, 205, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

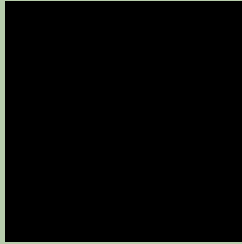
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

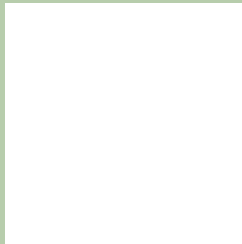
Any Text WCAG AAA ✓ Pass

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

R/Y/B 172, 205, 194 Background



This preview shows how black text looks on a background with the R/Y/B color 172, 205, 194.

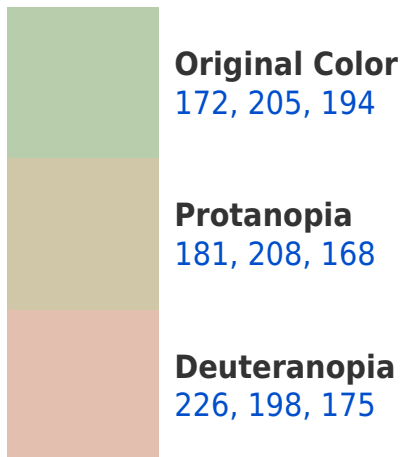


This preview shows how white text looks on a background with the R/Y/B color 172, 205, 194.

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
190, 197, 215

Trichromacy



Original Color

172, 205, 194

Protanomaly

169, 201, 171

Deuteranomaly

197, 210, 174

Tritanomaly

187, 195, 201

Monochromacy



Original Color

172, 205, 194

Achromatopsia

195, 195, 195

Achromatomaly

187, 199, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 205, 194 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, 205, 172)` looks like.

```
.text, #text, p{  
    color:rgb(183, 205, 172)  
}
```

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, 205, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 205, 172) }
```

Border

The CSS property to change the border of an element to RYB 172, 205, 194 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, 205, 172) }
```

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

```
.border{ border-color:rgb(183, 205, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 205, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 205, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 205, 172);  
box-shadow:4px 4px 4px 4px rgb(183, 205,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 172, 205, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 205, 172) }
```

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

```
.background{ background-color: rgb(183,  
205, 172) }
```

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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