

Converting Colors

`RYB(174, 214, 194)`

Have a look what the booklet for
RYB(174, 214, 194) contains.

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Color

R_YB(174, 214, 194)

Conversions

Conversions Part 1

Format	Color
Hex	C2D6AE
RGB	194, 214, 174
RGB Percent	76%, 84%, 68%
CMY	0.2392, 0.1608, 0.3176
CMYK	0.09, 0.00, 0.19, 0.16
HSL	90°, 33%, 76%
HSV	90°, 19%, 84%
XYZ	53.9347, 62.6185, 49.2883
YIQ	203.4600, 0.9200, -16.6800

Conversions

Conversions Part 2

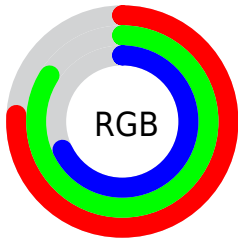
Format	Color
RYB	174, 214, 194
Decimal	12768942
CIELab	83.24, -13.82, 17.54
CIElCh	83, 22.328, 128.224
Yxy	62.6185, 0.3252, 0.3776
Android (android.graphics.Color)	4290959022 (0xFFC2D6AE)
YUV	203.4600, -14.5238, -8.2964
Hunter-Lab	79.1318, -16.8186, 18.4627

Details

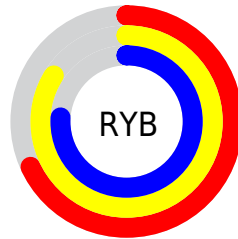
The RYB color **174, 214, 194** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **194, 174, 214**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **230, 255, 234**, and **121, 159, 140** is the 20% darker color. If you saturate the color by 10%, you get **153, 214, 184**, and if you desaturate by 10%, it is **195, 214, 204**.

Distribution



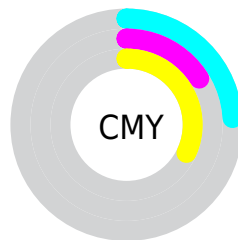
- Red (76%)
- Green (84%)
- Blue (68%)



- Red (68%)
- Yellow (84%)
- Blue (76%)



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 214, 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 174, 214, 194 by changing the saturation by 10% instead.


 174, 214, 194


255, 255, 255


 230, 255, 234

 174, 214, 194

 147, 186, 166

 121, 159, 140


 97, 133, 116

 73, 108, 91

 50, 84, 68

 28, 60, 45

 4, 38, 19

 0, 19, 19

 0, 0, 0

 174, 214, 194

 174, 214, 194

 153, 214, 184

 195, 214, 204

 131, 214, 172

 215, 214, 217

 110, 214, 162

 226, 214, 238

 88, 214, 151

 237, 214, 255

 67, 214, 141

 248, 214, 255

 46, 214, 130

 255, 214, 255

 24, 214, 119

 3, 214, 109

 0, 214, 107

Harmonies

Analogous

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



178, 218, 166



174, 214, 194



171, 204, 218

Triad

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



174, 214, 194



165, 196, 246



250, 193, 202

Complementary

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



174, 214, 194



194, 174, 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.



240, 194, 223



174, 214, 194



191, 204, 249

Square

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



174, 214, 194



151, 188, 233



218, 200, 240



249, 198, 182

Rectangle

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



174, 214, 194



158, 192, 219



218, 200, 240



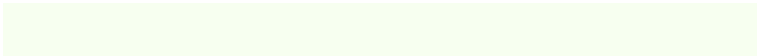
248, 193, 209

Sweetspot

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



174, 214, 194



240, 255, 248



214, 214, 174



119, 128, 124



0, 0, 0



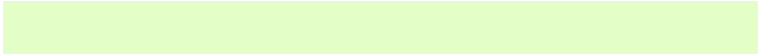
128, 128, 128

Same Dimension

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



174, 214, 194



199, 255, 227



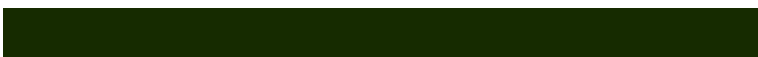
174, 214, 214



96, 107, 101



0, 171, 86



0, 43, 21

Inverse Universe

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



194, 174, 214



227, 199, 255



214, 174, 214



102, 96, 107



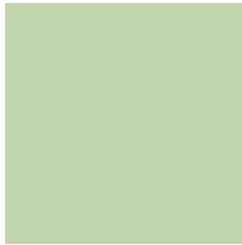
85, 0, 171



22, 0, 43

Previews

White Background



This preview shows how the RYB color 174, 214, 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 174, 214, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

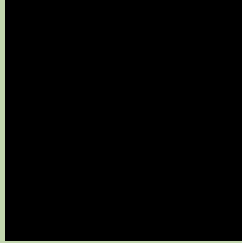
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

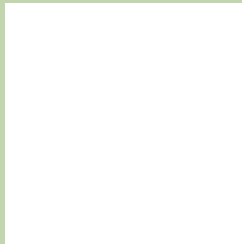
Any Text WCAG AAA ✓ Pass

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

R Y B 174, 214, 194 Background



This preview shows how black text looks on a background with the RYB color 174, 214, 194.

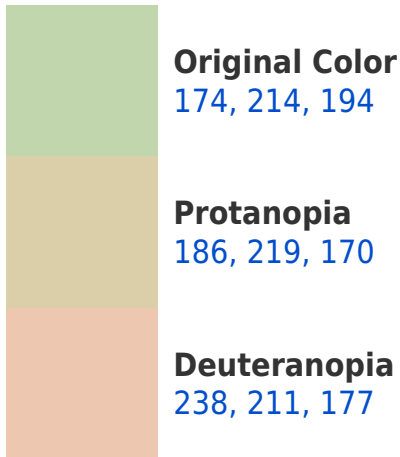


This preview shows how white text looks on a background with the RYB color 174, 214, 194.

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](#).

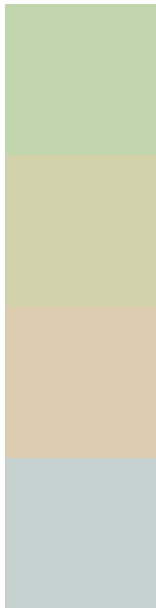
Dichromacy





Tritanopia
201, 206, 224

Trichromacy



Original Color
174, 214, 194

Protanomaly
171, 210, 171

Deuteranomaly
206, 222, 176

Tritanomaly
198, 205, 210

Monochromacy



Original Color
174, 214, 194

Achromatopsia
203, 203, 203

Achromatomaly
192, 207, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 214, 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(194, 214, 174)` looks like.

```
.text, #text, p{  
    color:rgb(194, 214, 174)  
}
```

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(194, 214, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 214, 174) }
```

Border

The CSS property to change the border of an element to RYB 174, 214, 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(194, 214, 174) }
```

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

```
.border{ border-color:rgb(194, 214, 174) }
```

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

Here you see how a box with a 4 pixel rgb(194, 214, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 214, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 214, 174);  
box-shadow:4px 4px 4px 4px rgb(194, 214,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 174, 214, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 214, 174) }
```

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

```
.background{ background-color: rgb(194,  
214, 174) }
```

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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