

Converting Colors

`RYB(175, 212, 171)`

Have a look what the booklet for
RYB(175, 212, 171) contains.

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Color

R_YB(175, 212, 171)

Conversions

Conversions Part 1

Format	Color
Hex	D4D0AB
RGB	212, 208, 171
RGB Percent	83%, 82%, 67%
CMY	0.1686, 0.1829, 0.3294
CMYK	0.00, 0.02, 0.19, 0.17
HSL	55°, 32%, 75%
HSV	55°, 19%, 83%
XYZ	57.1447, 62.2227, 47.5264
YIQ	204.9780, 14.2610, -10.6590

Conversions

Conversions Part 2

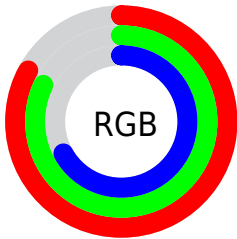
Format	Color
RYB	175, 212, 171
Decimal	13947051
CIELab	83.03, -4.86, 19.03
CIELCh	83, 19.642, 104.318
Yxy	62.2227, 0.3424, 0.3728
Android (android.graphics.Color)	4292137131 (0xFFD4D0AB)
YUV	204.9780, -16.7512, 6.1583
Hunter-Lab	78.8813, -8.7299, 19.4944

Details

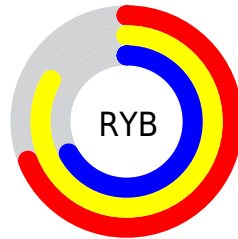
The RYB color **175, 212, 171** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **171, 175, 212**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **226, 255, 226**, and **122, 157, 119** is the 20% darker color. If you saturate the color by 10%, you get **157, 212, 150**, and if you desaturate by 10%, it is **194, 212, 192**.

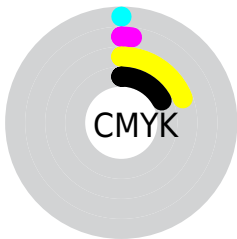
Distribution



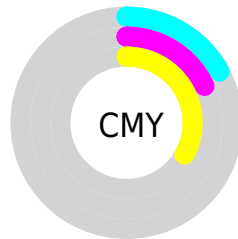
- Red (83%)
- Green (82%)
- Blue (67%)



- Red (69%)
- Yellow (83%)
- Blue (67%)



- Cyan (0%)
- Magenta (2%)
- Yellow (19%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 212, 171 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 175, 212, 171 by changing the saturation by 10% instead.

 175, 212, 171

255, 255, 255

 226, 255, 226

 175, 212, 171

 147, 184, 144

 122, 157, 119


 97, 131, 94


 72, 105, 70

 49, 81, 47

 27, 57, 26

 1, 36, 0

 0, 14, 10

 0, 0, 0

 175, 212, 171

 175, 212, 171

 157, 212, 150

 194, 212, 192

 137, 212, 129

 212, 212, 213

 117, 212, 107

 212, 214, 235

 98, 212, 86

 212, 216, 255


 79, 212, 65

 212, 217, 255

 60, 212, 44


 212, 219, 255

 42, 212, 23

 212, 220, 255

 22, 212, 1

 212, 221, 255

 21, 212, 0

 212, 222, 255

Harmonies

Analogous

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



226, 230, 172



175, 212, 171



180, 214, 203

Triad

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



175, 212, 171



160, 192, 232



238, 195, 217

Complementary

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



175, 212, 171



171, 175, 212

Split Complementary

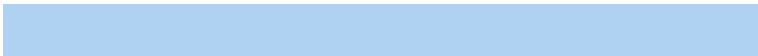
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221, 199, 233



175, 212, 171



175, 198, 242

Square

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



175, 212, 171



159, 189, 218



198, 204, 242



246, 194, 198

Rectangle

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



175, 212, 171



177, 206, 216



198, 204, 242



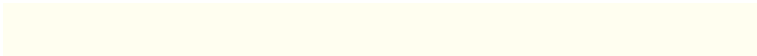
233, 196, 223

Sweetspot

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



175, 212, 171



241, 255, 240



212, 171, 175



120, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



175, 212, 171



201, 255, 196



171, 212, 187



97, 107, 96



16, 171, 0



4, 43, 0

Inverse Universe

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



171, 175, 212



196, 201, 255



187, 171, 212



96, 97, 107



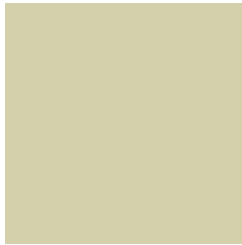
0, 14, 171



0, 4, 43

Previews

White Background



This preview shows how the RYB color 175, 212, 171 looks on a white background.

Color Contrast Check

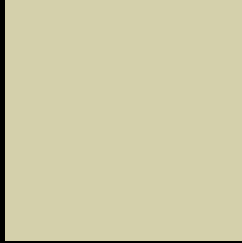
Large Text (above 18pt) WCAG AA × Fail

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 175, 212, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

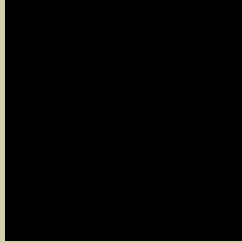
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

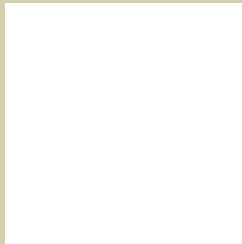
Any Text WCAG AAA ✓ Pass

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

RYB 175, 212, 171 Background



This preview shows how black text looks on a background with the RYB color 175, 212, 171.



This preview shows how white text looks on a background with the RYB color 175, 212, 171.

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
175, 212, 171

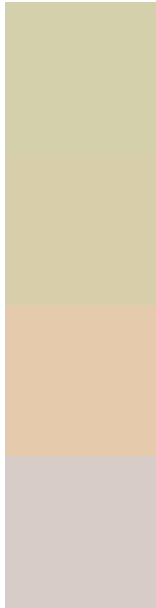
Protanopia
188, 219, 170

Deuteranopia
239, 216, 173



Tritanopia
218, 202, 218

Trichromacy



Original Color
175, 212, 171

Protanomaly
181, 216, 170

Deuteranomaly
223, 229, 172

Tritanomaly
216, 205, 201

Monochromacy



Original Color
175, 212, 171

Achromatopsia
205, 205, 205

Achromatomaly
195, 208, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 212, 171 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(212, 208, 171) looks like.

```
.text, #text, p{  
    color:rgb(212, 208, 171)  
}
```

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(212, 208, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 208, 171) }
```

Border

The CSS property to change the border of an element to RYB 175, 212, 171 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(212, 208, 171) }
```

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

```
.border{ border-color:rgb(212, 208, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 208, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 208, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 208, 171);  
box-shadow:4px 4px 4px 4px rgb(212, 208,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 175, 212, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 208, 171) }
```

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

```
.background{ background-color: rgb(212,  
208, 171) }
```

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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