

Converting Colors

`RYB(173, 222, 174)`

Have a look what the booklet for
RYB(173, 222, 174) contains.

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Color

R_YB(173, 222, 174)

Conversions

Conversions Part 1

Format	Color
Hex	DDDEAD
RGB	221, 222, 173
RGB Percent	87%, 87%, 68%
CMY	0.1333, 0.1294, 0.3216
CMYK	0.00, 0.00, 0.22, 0.13
HSL	61°, 43%, 77%
HSV	61°, 22%, 87%
XYZ	63.4829, 70.6318, 49.8226
YIQ	216.1150, 15.1330, -15.4510

Conversions

Conversions Part 2

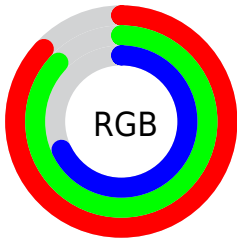
Format	Color
RYB	173, 222, 174
Decimal	14540461
CIELab	87.31, -8.22, 24.00
CIELCh	87, 25.365, 108.914
Yxy	70.6318, 0.3451, 0.3840
Android (android.graphics.Color)	4292730541 (0xFFDDDEAD)
YUV	216.1150, -21.2557, 4.2841
Hunter-Lab	84.0427, -12.2423, 23.6814

Details

The RYB color **173, 222, 174** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **174, 173, 222**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **229, 255, 229**, and **120, 167, 122** is the 20% darker color. If you saturate the color by 10%, you get **151, 222, 152**, and if you desaturate by 10%, it is **195, 222, 196**.

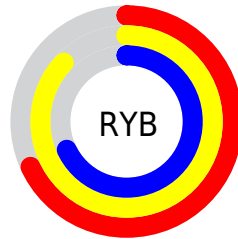
Distribution



Red (87%)

Green (87%)

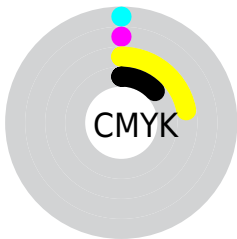
Blue (68%)



Red (68%)

Yellow (87%)

Blue (68%)

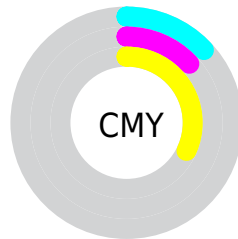


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 222, 174 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 173, 222, 174 by changing the saturation by 10% instead.


 173, 222, 174

255, 255, 255


 229, 255, 229

 173, 222, 174

 146, 194, 147

 120, 167, 122

 95, 141, 97

 71, 115, 73

 48, 91, 51

 26, 67, 29


 2, 45, 6

 0, 25, 7

 0, 0, 0

 173, 222, 174

 173, 222, 174

 151, 222, 152

 195, 222, 196

 129, 222, 131

 217, 222, 217

 106, 222, 108

 222, 222, 240

 84, 222, 87

 223, 222, 255

 62, 222, 65

 224, 222, 255

 40, 222, 44

 225, 222, 255

 18, 222, 22

 0, 222, 5

Harmonies

Analogous

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



228, 246, 172



173, 222, 174



187, 228, 222

Triad

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



173, 222, 174



156, 198, 254



255, 202, 229

Complementary

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



173, 222, 174



174, 173, 222

Split Complementary

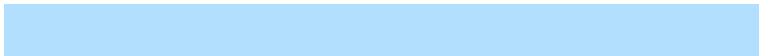
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241, 208, 251



173, 222, 174



179, 207, 255

Square

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



173, 222, 174



153, 193, 233



211, 215, 255



255, 202, 204

Rectangle

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



173, 222, 174



176, 214, 231



211, 215, 255



255, 204, 237

Sweetspot

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



173, 222, 174



237, 255, 237



222, 174, 173



117, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



173, 222, 174



189, 255, 190



173, 222, 198



101, 112, 101



0, 176, 4



0, 48, 1

Inverse Universe

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



174, 173, 222



190, 189, 255



198, 173, 222



101, 101, 112



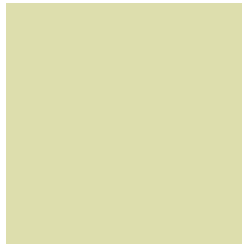
4, 0, 176



1, 0, 48

Previews

White Background



This preview shows how the RYB color 173, 222, 174 looks on a white background.

Color Contrast Check

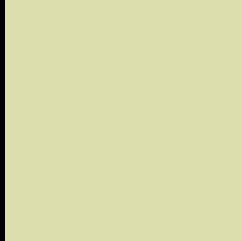
Large Text (above 18pt) WCAG AA × Fail

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 173, 222, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

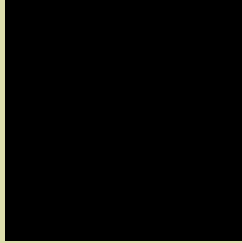
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

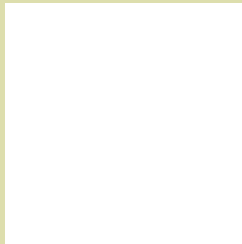
Any Text WCAG AAA ✓ Pass

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

RYB 173, 222, 174 Background



This preview shows how black text looks on a background with the RYB color 173, 222, 174.

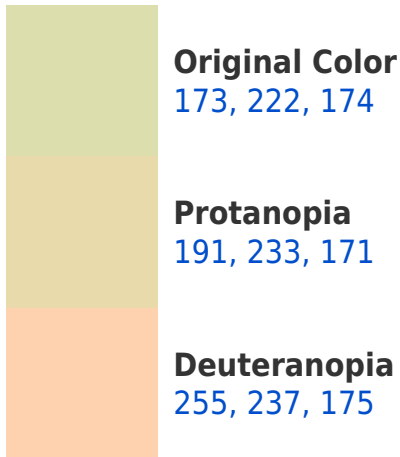


This preview shows how white text looks on a background with the RYB color 173, 222, 174.

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](#).

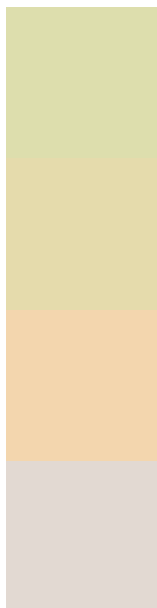
Dichromacy





Tritanopia
229, 214, 231

Trichromacy



Original Color

173, 222, 174

Protanomaly

184, 229, 172

Deuteranomaly

224, 243, 174

Tritanomaly

226, 222, 210

Monochromacy



Original Color

173, 222, 174

Achromatopsia

216, 216, 216

Achromatomaly

200, 218, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 222, 174 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(221, 222, 173)` looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 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(221, 222, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 173) }
```

Border

The CSS property to change the border of an element to RYB 173, 222, 174 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(221, 222, 173) }
```

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

```
.border{ border-color:rgb(221, 222, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 222, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 222, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 222, 173);  
box-shadow:4px 4px 4px 4px rgb(221, 222,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 173, 222, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 173) }
```

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

```
.background{ background-color: rgb(221,  
222, 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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