

Converting Colors

`RYB(175, 219, 175)`

Have a look what the booklet for
RYB(175, 219, 175) contains.

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Color

`RYB(175, 219, 175)`

Conversions

Conversions Part 1

Format	Color
Hex	DBDBAF
RGB	219, 219, 175
RGB Percent	86%, 86%, 69%
CMY	0.1412, 0.1412, 0.3137
CMYK	0.00, 0.00, 0.20, 0.14
HSL	60°, 38%, 77%
HSV	60°, 20%, 86%
XYZ	62.2828, 68.8183, 50.5580
YIQ	213.9840, 14.1240, -13.6840

Conversions

Conversions Part 2

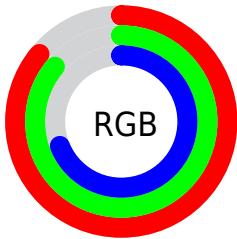
Format	Color
RYB	175, 219, 175
Decimal	14408623
CIELab	86.41, -7.15, 21.70
CIELCh	86, 22.851, 108.233
Yxy	68.8183, 0.3429, 0.3788
Android (android.graphics.Color)	4292598703 (0xFFDBDBAF)
YUV	213.9840, -19.2191, 4.3990
Hunter-Lab	82.9568, -11.1590, 21.9354

Details

The RYB color **175, 219, 175** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **175, 175, 219**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **231, 255, 231**, and **122, 164, 122** is the 20% darker color. If you saturate the color by 10%, you get **153, 219, 153**, and if you desaturate by 10%, it is **197, 219, 197**.

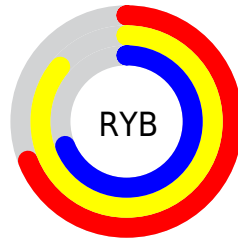
Distribution



Red (86%)

Green (86%)

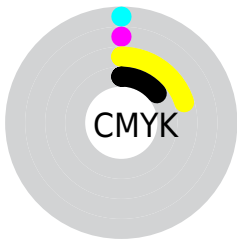
Blue (69%)



Red (69%)

Yellow (86%)

Blue (69%)

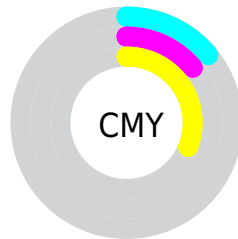


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (14%)



Cyan (14%)

Magenta (14%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 219, 175 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, 219, 175 by changing the saturation by 10% instead.


 175, 219, 175


255, 255, 255

 231, 255, 231

 175, 219, 175

 148, 191, 148

 122, 164, 122

 97, 138, 98

 73, 112, 74

 50, 88, 51

 28, 65, 30

 5, 43, 8

 0, 23, 7

 0, 0, 0

■ 175, 219, 175

■ 175, 219, 175

■ 153, 219, 153

■ 197, 219, 197

■ 131, 219, 131

■ 219, 219, 219

■ 109, 219, 109

■ 219, 219, 241

■ 87, 219, 87

■ 219, 219, 255

■ 66, 219, 66

■ 44, 219, 44

■ 22, 219, 22

■ 0, 219, 0

Harmonies

Analogous

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



225, 241, 174



175, 219, 175



187, 225, 218

Triad

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



175, 219, 175



161, 198, 248



255, 202, 226

Complementary

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



175, 219, 175



175, 175, 219

Split Complementary

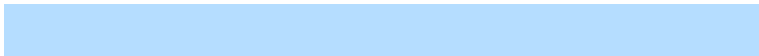
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236, 207, 245



175, 219, 175



181, 207, 255

Square

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



175, 219, 175



158, 194, 229



209, 214, 255



255, 201, 204

Rectangle

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



175, 219, 175



179, 212, 227



209, 214, 255



250, 203, 233

Sweetspot

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



175, 219, 175



240, 255, 240



219, 175, 175



119, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



175, 219, 175



194, 255, 194



175, 219, 197



99, 110, 99



0, 173, 0



0, 46, 0

Inverse Universe

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



175, 175, 219



194, 194, 255



197, 175, 219



99, 99, 110



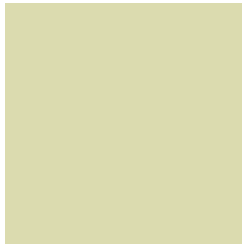
0, 0, 173



0, 0, 46

Previews

White Background



This preview shows how the RYB color 175, 219, 175 looks on a white background.

Color Contrast Check

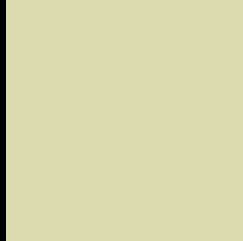
Large Text (above 18pt) WCAG AA × Fail

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, 219, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

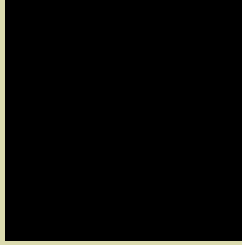
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

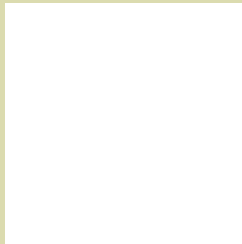
Any Text WCAG AAA ✓ Pass

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

RYB 175, 219, 175 Background



This preview shows how black text looks on a background with the RYB color 175, 219, 175.

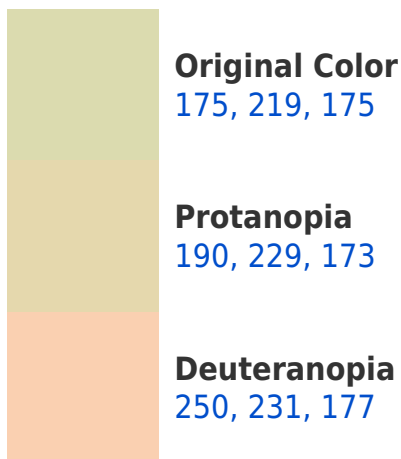


This preview shows how white text looks on a background with the RYB color 175, 219, 175.

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](#).

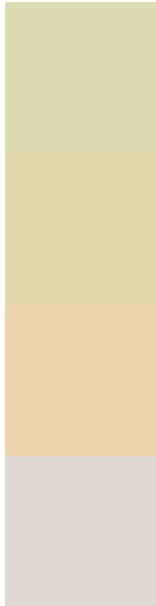
Dichromacy





Tritanopia
226, 212, 228

Trichromacy



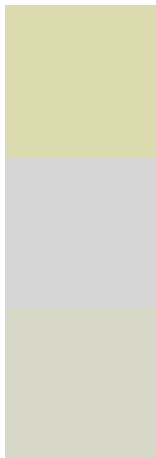
Original Color
175, 219, 175

Protanomaly
183, 225, 174

Deuteranomaly
223, 239, 176

Tritanomaly
223, 220, 209

Monochromacy



Original Color
175, 219, 175

Achromatopsia
214, 214, 214

Achromatomaly
200, 216, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 219, 175 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(219, 219, 175)` looks like.

```
.text, #text, p{  
    color:rgb(219, 219, 175)  
}
```

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(219, 219, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 219, 175) }
```

Border

The CSS property to change the border of an element to RYB 175, 219, 175 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(219, 219, 175) }
```

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

```
.border{ border-color:rgb(219, 219, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 219, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 219, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 219, 175);  
box-shadow:4px 4px 4px 4px rgb(219, 219,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 175, 219, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 219, 175) }
```

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

```
.background{ background-color: rgb(219,  
219, 175) }
```

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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