

Converting Colors

`RYB(171, 217, 172)`

Have a look what the booklet for
RYB(171, 217, 172) contains.

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Color

R_YB(171, 217, 172)

Conversions

Conversions Part 1

Format	Color
Hex	D8D9AB
RGB	216, 217, 171
RGB Percent	85%, 85%, 67%
CMY	0.1529, 0.1490, 0.3294
CMYK	0.00, 0.00, 0.21, 0.15
HSL	61°, 38%, 76%
HSV	61°, 21%, 85%
XYZ	60.4824, 67.1649, 48.3044
YIQ	211.4570, 14.1700, -14.5180

Conversions

Conversions Part 2

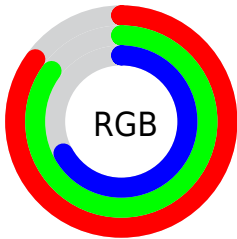
Format	Color
RYB	171, 217, 172
Decimal	14211499
CIELab	85.59, -7.81, 22.61
CIElCh	86, 23.925, 109.055
Yxy	67.1649, 0.3437, 0.3817
Android (android.graphics.Color)	4292401579 (0xFFD8D9AB)
YUV	211.4570, -19.9453, 3.9842
Hunter-Lab	81.9542, -11.6863, 22.4220

Details

The RYB color **171, 217, 172** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **172, 171, 217**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **227, 255, 227**, and **119, 162, 120** is the 20% darker color. If you saturate the color by 10%, you get **149, 217, 150**, and if you desaturate by 10%, it is **193, 217, 194**.

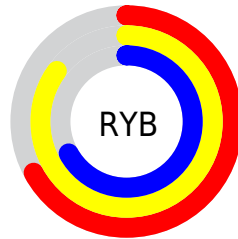
Distribution



Red (85%)

Green (85%)

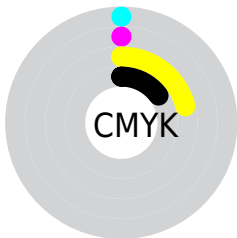
Blue (67%)



Red (67%)

Yellow (85%)

Blue (67%)

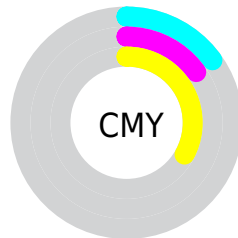


Cyan (0%)

Magenta (0%)

Yellow (21%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 217, 172 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 171, 217, 172 by changing the saturation by 10% instead.

 171, 217, 172


255, 255, 255


 227, 255, 227

 171, 217, 172

 144, 189, 145

 119, 162, 120

 94, 136, 96

 70, 111, 72

 47, 86, 49

 25, 63, 28

 0, 41, 3

 0, 21, 10

 0, 0, 0

 171, 217, 172

 171, 217, 172

 149, 217, 150

 193, 217, 194

 128, 217, 130

 214, 217, 214

 106, 217, 108

 217, 217, 236

 84, 217, 87

 218, 217, 255

 63, 217, 66

 219, 217, 255

 41, 217, 45

 220, 217, 255

 19, 217, 23

 0, 217, 5

Harmonies

Analogous

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



220, 239, 170



171, 217, 172



184, 223, 217

Triad

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



171, 217, 172



156, 195, 247



254, 199, 223

Complementary

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



171, 217, 172



172, 171, 217

Split Complementary

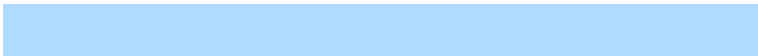
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235, 204, 244



171, 217, 172



177, 204, 255

Square

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



171, 217, 172



153, 190, 228



207, 211, 255



255, 198, 200

Rectangle

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



171, 217, 172



174, 210, 226



207, 211, 255



249, 200, 231

Sweetspot

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



171, 217, 172



240, 255, 240



217, 172, 171



119, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



171, 217, 172



191, 255, 192



171, 217, 195



99, 110, 100



0, 173, 3



0, 46, 1

Inverse Universe

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



172, 171, 217



193, 191, 255



195, 171, 217



99, 99, 110



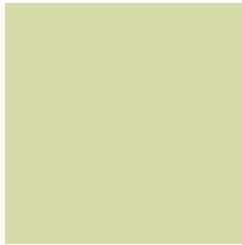
4, 0, 173



1, 0, 46

Previews

White Background



This preview shows how the RYB color 171, 217, 172 looks on a white background.

Color Contrast Check

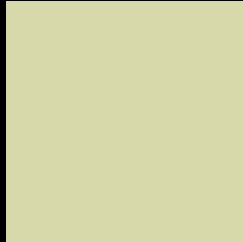
Large Text (above 18pt) WCAG AA × Fail

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 171, 217, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

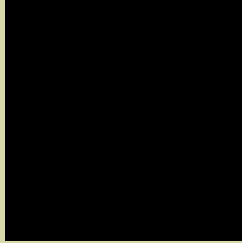
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

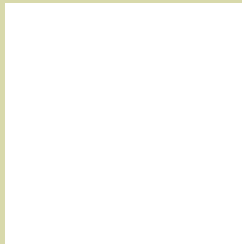
Any Text WCAG AAA ✓ Pass

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

RYB 171, 217, 172 Background



This preview shows how black text looks on a background with the RYB color 171, 217, 172.



This preview shows how white text looks on a background with the RYB color 171, 217, 172.

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](#).

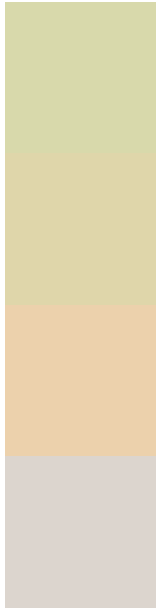
Dichromacy





Tritanopia
223, 210, 226

Trichromacy



Original Color
171, 217, 172

Protanomaly
181, 223, 170

Deuteranomaly
219, 236, 172

Tritanomaly
220, 220, 206

Monochromacy



Original Color
171, 217, 172

Achromatopsia
211, 211, 211

Achromatomaly
196, 213, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 217, 172 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(216, 217, 171)` looks like.

```
.text, #text, p{  
    color:rgb(216, 217, 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(216, 217, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 217, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 217, 172 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(216, 217, 171) }
```

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

```
.border{ border-color:rgb(216, 217, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 217, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 217, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 217, 171);  
box-shadow:4px 4px 4px 4px rgb(216, 217,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 217, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 217, 171) }
```

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

```
.background{ background-color: rgb(216,  
217, 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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