

Converting Colors

`RYB(189, 219, 199)`

Have a look what the booklet for
RYB(189, 219, 199) contains.

RYB(189, 219, 199)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(189, 219, 199)

Conversions

Conversions Part 1

Format	Color
Hex	D1DBBD
RGB	209, 219, 189
RGB Percent	82%, 86%, 74%
CMY	0.1804, 0.1412, 0.2588
CMYK	0.05, 0.00, 0.14, 0.14
HSL	80°, 29%, 80%
HSV	80°, 14%, 86%
XYZ	60.8113, 67.8925, 58.0436
YIQ	212.5900, 3.6700, -11.4500

Conversions

Conversions Part 2

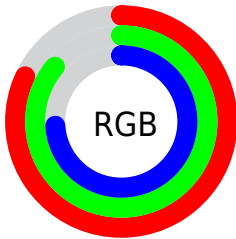
Format	Color
R _{YB}	189, 219, 199
Decimal	13753277
CIE Lab	85.95, -8.61, 13.61
CIE LCh	86, 16.107, 122.306
Yxy	67.8925, 0.3256, 0.3636
Android (android.graphics.Color)	4291943357 (0xFFD1DBBD)
YUV	212.5900, -11.6299, -3.1484
Hunter-Lab	82.3969, -12.4563, 15.9116

Details

The RYB color **189, 219, 199** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **199, 189, 219**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **245, 255, 245**, and **136, 164, 146** is the 20% darker color. If you saturate the color by 10%, you get **167, 219, 184**, and if you desaturate by 10%, it is **211, 219, 214**.

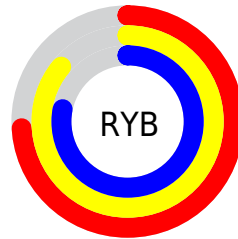
Distribution



Red (82%)

Green (86%)

Blue (74%)



Red (74%)

Yellow (86%)

Blue (78%)

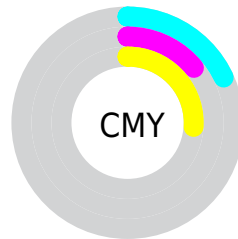


Cyan (5%)

Magenta (0%)

Yellow (14%)

Black (14%)



Cyan (18%)

Magenta (14%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 219, 199 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 189, 219, 199 by changing the saturation by 10% instead.


 189, 219, 199


255, 255, 255

 245, 255, 245

 189, 219, 199

 162, 191, 172

 136, 164, 146

 110, 138, 120

 86, 112, 95

 63, 88, 72

 40, 65, 49

 20, 43, 29

 0, 23, 12

 0, 0, 0

 189, 219, 199

 189, 219, 199

 167, 219, 184

 211, 219, 214

 145, 219, 170

 224, 219, 233

 123, 219, 155

 231, 219, 255

 101, 219, 140

 238, 219, 255

 80, 219, 127

 245, 219, 255

 58, 219, 112

 253, 219, 255

 36, 219, 97

 255, 219, 255

 14, 219, 82

 0, 219, 73

Harmonies

Analogous

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



202, 226, 185



189, 219, 199



192, 216, 222

Triad

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



189, 219, 199



184, 206, 241



246, 205, 214

Complementary

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



189, 219, 199



199, 189, 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, 206, 229



189, 219, 199



200, 212, 245

Square

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



189, 219, 199



176, 201, 231



219, 211, 241



247, 207, 199

Rectangle

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



189, 219, 199



183, 208, 224



219, 211, 241



244, 205, 219

Sweetspot

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



189, 219, 199



245, 255, 248



219, 204, 189



121, 128, 124



0, 0, 0



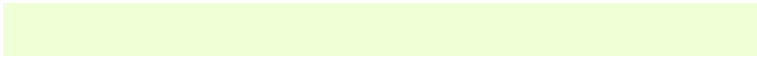
128, 128, 128

Same Dimension

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



189, 219, 199



214, 255, 228



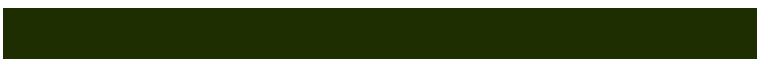
189, 219, 214



99, 110, 103



0, 173, 57



0, 46, 15

Inverse Universe

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



199, 189, 219



228, 214, 255



214, 189, 219



102, 99, 110



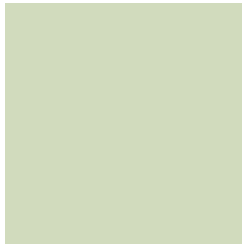
58, 0, 173



15, 0, 46

Previews

White Background



This preview shows how the RYB color 189, 219, 199 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 189, 219, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

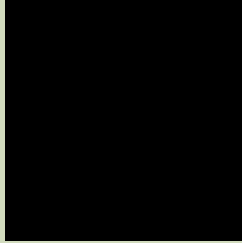
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

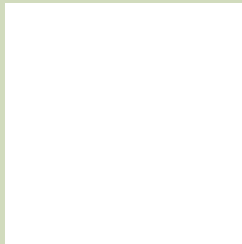
Any Text WCAG AAA ✓ Pass

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

R/Y/B 189, 219, 199 Background



This preview shows how black text looks on a background with the R/Y/B color 189, 219, 199.



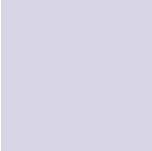
This preview shows how white text looks on a background with the R/Y/B color 189, 219, 199.

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](#).

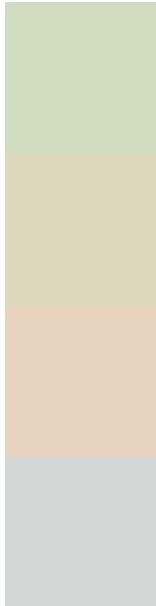
Dichromacy





Tritanopia
215, 213, 230

Trichromacy



Original Color

189, 219, 199

Protanomaly

191, 219, 188

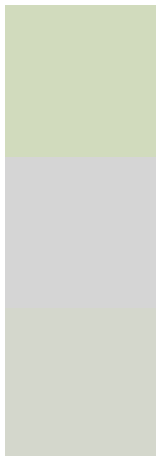
Deuteranomaly

229, 231, 190

Tritanomaly

213, 214, 215

Monochromacy



Original Color

189, 219, 199

Achromatopsia

213, 213, 213

Achromatomaly

204, 215, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 219, 199 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(209, 219, 189)` looks like.

```
.text, #text, p{  
    color:rgb(209, 219, 189)  
}
```

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(209, 219, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 219, 189) }
```

Border

The CSS property to change the border of an element to RYB 189, 219, 199 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(209, 219, 189) }
```

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

```
.border{ border-color:rgb(209, 219, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 219, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 219, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 219, 189); box-shadow:4px 4px 4px 4px rgb(209, 219, 189) }
```

Background

The CSS property to change the background color of an element to RYB 189, 219, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 219, 189) }
```

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

```
.background{ background-color: rgb(209,  
219, 189) }
```

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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