

Converting Colors

`RYB(201, 222, 192)`

Have a look what the booklet for
RYB(201, 222, 192) contains.

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Color

RYB(201, 222, 192)

Conversions

Conversions Part 1

Format	Color
Hex	DED7C0
RGB	222, 215, 192
RGB Percent	87%, 84%, 75%
CMY	0.1294, 0.1566, 0.2471
CMYK	0.00, 0.03, 0.14, 0.13
HSL	46°, 31%, 81%
HSV	46°, 14%, 87%
XYZ	63.9587, 67.9754, 59.6188
YIQ	214.4710, 11.5550, -5.6690

Conversions

Conversions Part 2

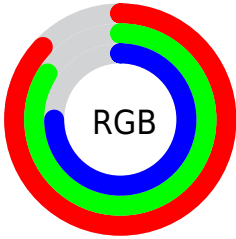
Format	Color
RYB	201, 222, 192
Decimal	14604224
CIELab	85.99, -1.48, 12.23
CIELCh	86, 12.321, 96.895
Yxy	67.9754, 0.3339, 0.3549
Android (android.graphics.Color)	4292794304 (0xFFDED7C0)
YUV	214.4710, -11.0782, 6.6029
Hunter-Lab	82.4472, -5.8107, 14.8396

Details

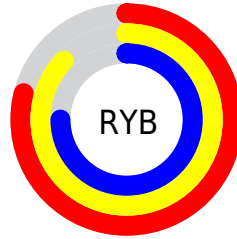
The RYB color **201, 222, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192, 198, 222**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **248, 255, 248**, and **148, 167, 139** is the 20% darker color. If you saturate the color by 10%, you get **186, 222, 170**, and if you desaturate by 10%, it is **217, 222, 214**.

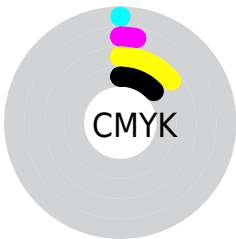
Distribution



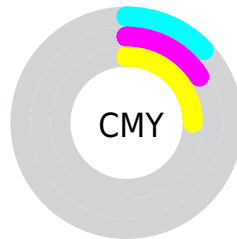
- Red (87%)
- Green (84%)
- Blue (75%)



- Red (79%)
- Yellow (87%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 222, 192 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 201, 222, 192 by changing the saturation by 10% instead.

 201, 222, 192


255, 255, 255


 248, 255, 248


 201, 222, 192

 174, 194, 165

 148, 167, 139

 121, 140, 113

 97, 115, 89

 71, 90, 65

 48, 66, 43

 27, 44, 22

 6, 24, 0

 0, 0, 0

 201, 222, 192

 201, 222, 192

 186, 222, 170

 217, 222, 214

 170, 222, 148

 222, 224, 236

 153, 222, 125

 222, 228, 255

 138, 222, 103

 222, 232, 255

 124, 222, 81

 222, 234, 255

 109, 222, 59

 222, 236, 255

 93, 222, 37

 222, 237, 255

 76, 222, 14

 222, 239, 255

 66, 222, 0

Harmonies

Analogous

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



233, 224, 194



201, 222, 192



196, 219, 206

Triad

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



201, 222, 192



186, 205, 229



233, 208, 224

Complementary

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



201, 222, 192



192, 198, 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.



221, 211, 234



201, 222, 192



193, 209, 236

Square

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



201, 222, 192



188, 206, 222



206, 213, 238



240, 207, 213

Rectangle

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



201, 222, 192



200, 219, 221



206, 213, 238



229, 209, 228

Sweetspot

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



201, 222, 192



248, 255, 245



222, 192, 199



124, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



201, 222, 192



226, 255, 214



192, 222, 200



103, 112, 101



53, 176, 0



14, 48, 0

Inverse Universe

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



192, 198, 222



214, 222, 255



200, 192, 222



101, 103, 112



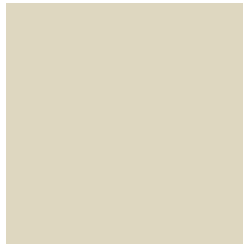
0, 33, 176



0, 9, 48

Previews

White Background



This preview shows how the RYB color 201, 222, 192 looks on a white background.

Color Contrast Check

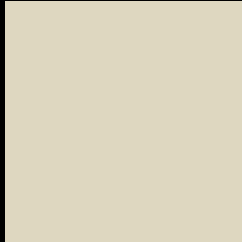
Large Text (above 18pt) WCAG AA × Fail

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 201, 222, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

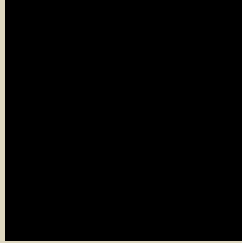
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

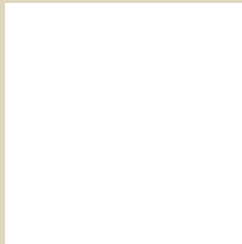
Any Text WCAG AAA ✓ Pass

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

RYB 201, 222, 192 Background



This preview shows how black text looks on a background with the RYB color 201, 222, 192.

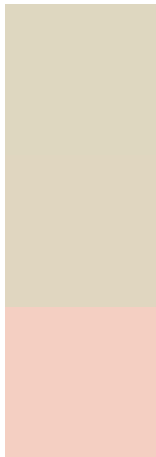


This preview shows how white text looks on a background with the RYB color 201, 222, 192.

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
201, 222, 192

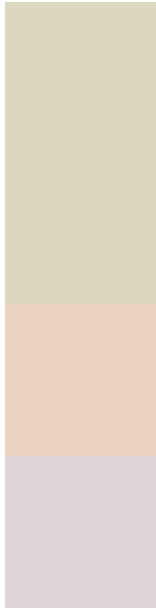
Protanopia
207, 224, 192

Deuteranopia
244, 212, 194



Tritanopia
227, 210, 227

Trichromacy



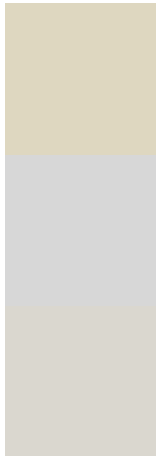
Original Color
201, 222, 192

Protanomaly
205, 223, 192

Deuteranomaly
236, 221, 193

Tritanomaly
225, 212, 214

Monochromacy



Original Color
201, 222, 192

Achromatopsia
215, 215, 215

Achromatomaly
211, 218, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 222, 192 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(222, 215, 192) looks like.

```
.text, #text, p{  
    color:rgb(222, 215, 192)  
}
```

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(222, 215, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 215, 192) }
```

Border

The CSS property to change the border of an element to RYB 201, 222, 192 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(222, 215, 192) }
```

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

```
.border{ border-color:rgb(222, 215, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 215, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 215, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 215, 192);  
box-shadow:4px 4px 4px 4px rgb(222, 215,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 201, 222, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 215, 192) }
```

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

```
.background{ background-color: rgb(222,  
215, 192) }
```

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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