

Converting Colors

`RYB(202, 224, 204)`

Have a look what the booklet for
RYB(202, 224, 204) contains.

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Color

R_YB(202, 224, 204)

Conversions

Conversions Part 1

Format	Color
Hex	DEE0CA
RGB	222, 224, 202
RGB Percent	87%, 88%, 79%
CMY	0.1294, 0.1216, 0.2078
CMYK	0.01, 0.00, 0.10, 0.12
HSL	65°, 26%, 84%
HSV	65°, 10%, 88%
XYZ	67.4405, 73.1052, 66.4333
YIQ	220.8940, 5.8700, -7.2660

Conversions

Conversions Part 2

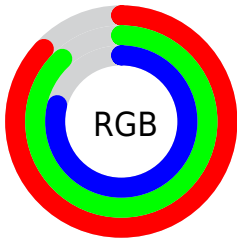
Format	Color
R _Y B	202, 224, 204
Decimal	14606538
CIE Lab	88.50, -4.46, 10.54
CIE LCh	88, 11.443, 112.941
Yxy	73.1052, 0.3258, 0.3532
Android (android.graphics.Color)	4292796618 (0xFFDEE0CA)
YUV	220.8940, -9.3147, 0.9700
Hunter-Lab	85.5016, -8.8334, 13.7837

Details

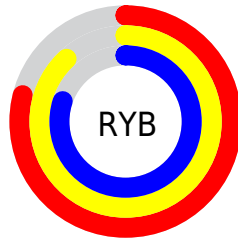
The RYB color **202, 224, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204, 202, 224**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **148, 169, 150** is the 20% darker color. If you saturate the color by 10%, you get **180, 224, 184**, and if you desaturate by 10%, it is **224, 224, 224**.

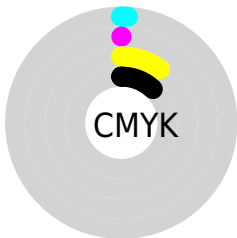
Distribution



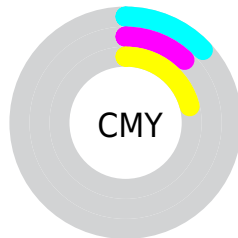
- Red (87%)
- Green (88%)
- Blue (79%)



- Red (79%)
- Yellow (88%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 224, 204 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 202, 224, 204 by changing the saturation by 10% instead.

■ 202, 224, 204

255, 255, 255

■ 202, 224, 204

■ 175, 196, 177

■ 148, 169, 150

■ 122, 142, 124

■ 97, 117, 99

■ 74, 92, 76

■ 51, 69, 53

■ 30, 47, 33

■ 5, 26, 6

■ 0, 0, 0

 202, 224, 204

 202, 224, 204

 180, 224, 184

 224, 224, 224

 157, 224, 163

 226, 224, 247

 135, 224, 143

 228, 224, 255

 112, 224, 122

 230, 224, 255

 90, 224, 102

 232, 224, 255

 68, 224, 82

 234, 224, 255

 45, 224, 61

 236, 224, 255

 23, 224, 41

 238, 224, 255

 0, 224, 20

 240, 224, 255

Harmonies

Analogous

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



225, 234, 201



202, 224, 204



209, 227, 227

Triad

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



202, 224, 204



198, 215, 239



243, 215, 225

Complementary

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



202, 224, 204



204, 202, 224

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.



234, 217, 235



202, 224, 204



208, 219, 243

Square

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



202, 224, 204



195, 212, 230



221, 220, 242



246, 215, 214

Rectangle

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



202, 224, 204



202, 219, 228



221, 220, 242



241, 215, 229

Sweetspot

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



202, 224, 204



247, 255, 248



224, 204, 202



122, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



202, 224, 204



224, 255, 227



202, 224, 215



101, 112, 102



0, 176, 16



0, 48, 4

Inverse Universe

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



204, 202, 224



227, 224, 255



215, 202, 224



102, 101, 112



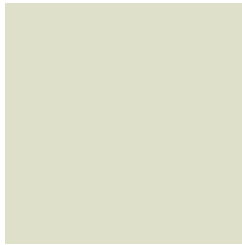
16, 0, 176



4, 0, 48

Previews

White Background



This preview shows how the RYB color 202, 224, 204 looks on a white background.

Color Contrast Check

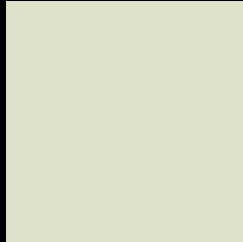
Large Text (above 18pt) WCAG AA × Fail

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 202, 224, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

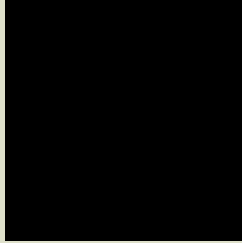
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

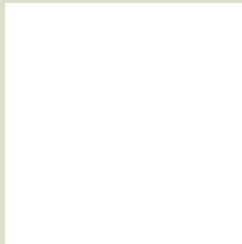
Any Text WCAG AAA ✓ Pass

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

RYB 202, 224, 204 Background



This preview shows how black text looks on a background with the RYB color 202, 224, 204.



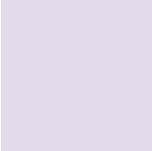
This preview shows how white text looks on a background with the RYB color 202, 224, 204.

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](#).

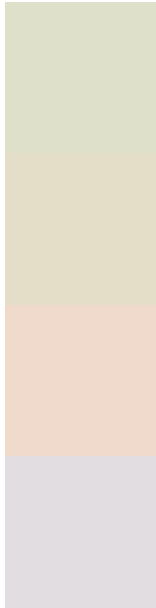
Dichromacy





Tritanopia
227, 219, 236

Trichromacy



Original Color

202, 224, 204

Protanomaly

209, 228, 201

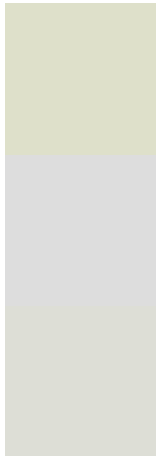
Deuteranomaly

240, 228, 203

Tritanomaly

225, 221, 224

Monochromacy



Original Color

202, 224, 204

Achromatopsia

221, 221, 221

Achromatomaly

214, 222, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 224, 204 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, 224, 202) looks like.

```
.text, #text, p{  
    color:rgb(222, 224, 202)  
}
```

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, 224, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 224, 202) }
```

Border

The CSS property to change the border of an element to RYB 202, 224, 204 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, 224, 202) }
```

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

```
.border{ border-color:rgb(222, 224, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 224, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 224, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 224, 202);  
box-shadow:4px 4px 4px 4px rgb(222, 224,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 202, 224, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 224, 202) }
```

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

```
.background{ background-color: rgb(222,  
224, 202) }
```

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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