

Converting Colors

`RYB(203, 224, 194)`

Have a look what the booklet for
RYB(203, 224, 194) contains.

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Color

R_YB(203, 224, 194)

Conversions

Conversions Part 1

Format	Color
Hex	E0D9C2
RGB	224, 217, 194
RGB Percent	88%, 85%, 76%
CMY	0.1216, 0.1487, 0.2392
CMYK	0.00, 0.03, 0.13, 0.12
HSL	46°, 33%, 82%
HSV	46°, 13%, 88%
XYZ	65.3108, 69.4077, 60.9937
YIQ	216.4710, 11.5550, -5.6690

Conversions

Conversions Part 2

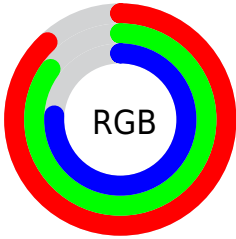
Format	Color
R _Y B	203, 224, 194
Decimal	14735810
CIE Lab	86.71, -1.48, 12.21
CIE LCh	87, 12.299, 96.909
Yxy	69.4077, 0.3337, 0.3546
Android (android.graphics.Color)	4292925890 (0xFFE0D9C2)
YUV	216.4710, -11.0782, 6.6029
Hunter-Lab	83.3113, -5.8621, 14.9106

Details

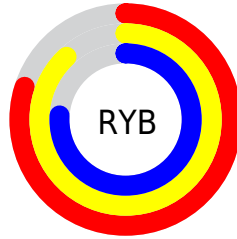
The RYB color **203, 224, 194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194, 200, 224**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **251, 255, 251**, and **149, 169, 140** is the 20% darker color. If you saturate the color by 10%, you get **188, 224, 172**, and if you desaturate by 10%, it is **219, 224, 216**.

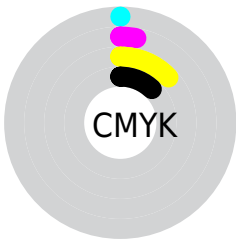
Distribution



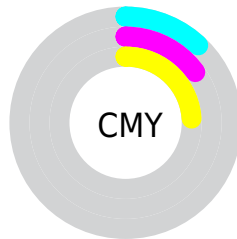
- Red (88%)
- Green (85%)
- Blue (76%)



- Red (80%)
- Yellow (88%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 224, 194 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 203, 224, 194 by changing the saturation by 10% instead.

■ 203, 224, 194

255, 255, 255

■ 251, 255, 251

■ 203, 224, 194

■ 176, 196, 167

■ 149, 169, 140

■ 123, 142, 115

■ 96, 116, 90

■ 75, 92, 67

■ 51, 68, 45

■ 29, 45, 24

■ 6, 26, 0

■ 0, 0, 0

 203, 224, 194

 203, 224, 194

 188, 224, 172

 219, 224, 216

 171, 224, 149


 224, 227, 239

 155, 224, 127

 224, 231, 255

 141, 224, 104

 224, 234, 255

 125, 224, 82

 224, 236, 255

 109, 224, 60

 224, 238, 255

 93, 224, 37

 224, 239, 255

 77, 224, 15

 224, 240, 255

 68, 224, 0

Harmonies

Analogous

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



235, 226, 196



203, 224, 194



198, 221, 208

Triad

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



203, 224, 194



188, 207, 231



235, 210, 226

Complementary

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



203, 224, 194



194, 200, 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.



223, 213, 236



203, 224, 194



195, 211, 238

Square

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



203, 224, 194



190, 208, 224



208, 215, 240



242, 209, 215

Rectangle

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



203, 224, 194



202, 221, 223



208, 215, 240



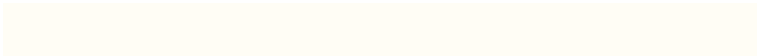
231, 211, 230

Sweetspot

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



203, 224, 194



248, 255, 245



224, 194, 201



124, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



203, 224, 194



226, 255, 214



194, 224, 202



103, 112, 101



53, 176, 0



14, 48, 0

Inverse Universe

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



194, 200, 224



214, 222, 255



202, 194, 224



101, 103, 112



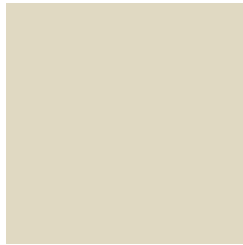
0, 33, 176



0, 9, 48

Previews

White Background



This preview shows how the RYB color 203, 224, 194 looks on a white background.

Color Contrast Check

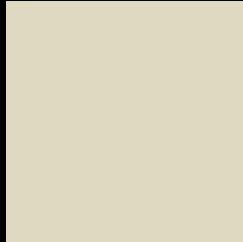
Large Text (above 18pt) WCAG AA × Fail

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 203, 224, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

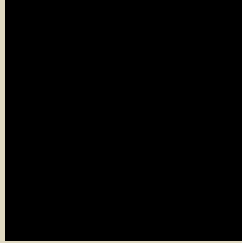
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

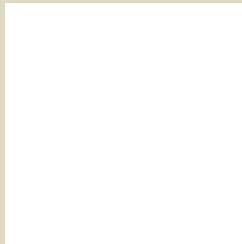
Any Text WCAG AAA ✓ Pass

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

RYB 203, 224, 194 Background



This preview shows how black text looks on a background with the RYB color 203, 224, 194.



This preview shows how white text looks on a background with the RYB color 203, 224, 194.

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](#).

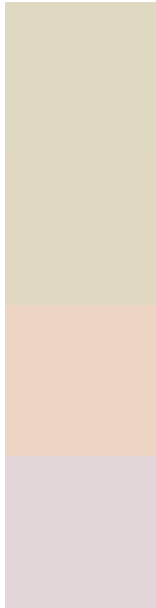
Dichromacy





Tritanopia
229, 212, 229

Trichromacy



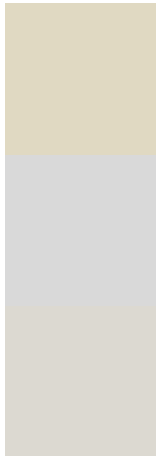
Original Color
203, 224, 194

Protanomaly
207, 225, 194

Deuteranomaly
238, 223, 195

Tritanomaly
227, 214, 216

Monochromacy



Original Color
203, 224, 194

Achromatopsia
217, 217, 217

Achromatomaly
213, 220, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 224, 194 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(224, 217, 194) looks like.

```
.text, #text, p{  
    color:rgb(224, 217, 194)  
}
```

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(224, 217, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 217, 194) }
```

Border

The CSS property to change the border of an element to RYB 203, 224, 194 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(224, 217, 194) }
```

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

```
.border{ border-color:rgb(224, 217, 194) }
```

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

Here you see how a box with a 4 pixel rgb(224, 217, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 217, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 217, 194);  
box-shadow:4px 4px 4px 4px rgb(224, 217,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 203, 224, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 217, 194) }
```

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

```
.background{ background-color: rgb(224,  
217, 194) }
```

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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