

Converting Colors

`RYB(196, 244, 203)`

Have a look what the booklet for
RYB(196, 244, 203) contains.

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Color

R_YB(196, 244, 203)

Conversions

Conversions Part 1

Format	Color
Hex	EDF4C4
RGB	237, 244, 196
RGB Percent	93%, 96%, 77%
CMY	0.0706, 0.0431, 0.2314
CMYK	0.03, 0.00, 0.20, 0.04
HSL	69°, 69%, 86%
HSV	69°, 20%, 96%
XYZ	77.2395, 86.6914, 64.8867
YIQ	236.4350, 11.2360, -16.4120

Conversions

Conversions Part 2

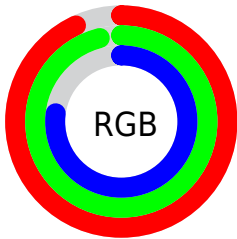
Format	Color
R_{YB}	196, 244, 203
Decimal	15594692
CIE _{Lab}	94.61, -10.16, 22.40
CIE _{LCh}	95, 24.596, 114.407
Yxy	86.6914, 0.3376, 0.3789
Android (android.graphics.Color)	4293784772 (0xFFEDF4C4)
YUV	236.4350, -19.9345, 0.4955
Hunter-Lab	93.1082, -14.8616, 23.8568

Details

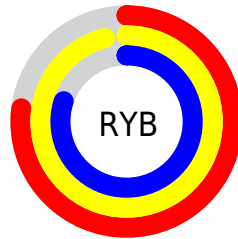
The RYB color **196, 244, 203** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **203, 196, 244**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **253, 255, 253**, and **142, 188, 149** is the 20% darker color. If you saturate the color by 10%, you get **172, 244, 183**, and if you desaturate by 10%, it is **220, 244, 223**.

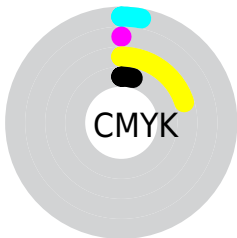
Distribution



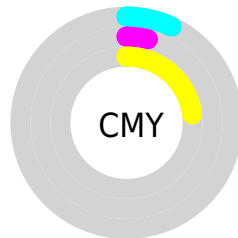
- Red (93%)
- Green (96%)
- Blue (77%)



- Red (77%)
- Yellow (96%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 244, 203 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 196, 244, 203 by changing the saturation by 10% instead.


 196, 244, 203

255, 255, 255


253, 255, 253

 196, 244, 203

 169, 216, 176

 142, 188, 149

 116, 161, 123

 91, 135, 98

 68, 109, 75

 45, 85, 52

 23, 62, 31

 0, 40, 7

 0, 21, 21

196, 244, 203

196, 244, 203

172, 244, 183

220, 244, 223

147, 244, 161

244, 244, 245

123, 244, 141

248, 244, 255

98, 244, 119

251, 244, 255

74, 244, 99

255, 244, 255

50, 244, 78

25, 244, 57

1, 244, 36

0, 244, 36

Harmonies

Analogous

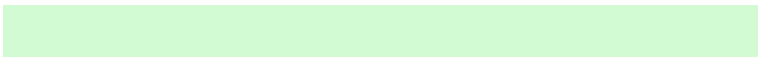
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220, 255, 193



196, 244, 203



210, 249, 250

Triad

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



196, 244, 203



182, 217, 255



255, 223, 245

Complementary

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



196, 244, 203



203, 196, 244

Split Complementary

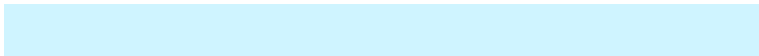
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 227, 255



196, 244, 203



207, 228, 255

Square

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



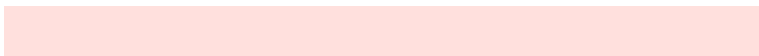
196, 244, 203



175, 214, 255



238, 235, 255



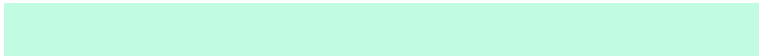
255, 224, 221

Rectangle

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



196, 244, 203



193, 231, 252



238, 235, 255



255, 224, 253

Sweetspot

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



196, 244, 203



240, 255, 242



244, 203, 196



119, 128, 121



0, 0, 0



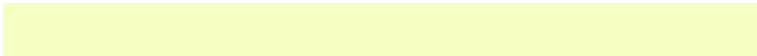
128, 128, 128

Same Dimension

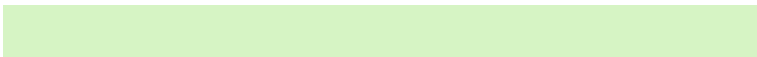
The Same Dimension uses a secret algorithm to generate beautiful new colors.



196, 244, 203



194, 255, 203



196, 244, 226



110, 122, 111



0, 186, 27



0, 59, 9

Inverse Universe

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



203, 196, 244



203, 194, 255



226, 196, 244



112, 110, 122



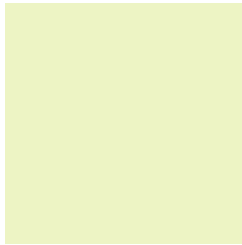
27, 0, 186



9, 0, 59

Previews

White Background



This preview shows how the RYB color 196, 244, 203 looks on a white background.

Color Contrast Check

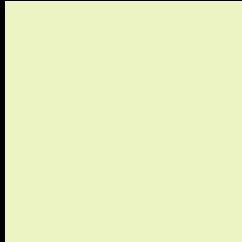
Large Text (above 18pt) WCAG AA × Fail

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 196, 244, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

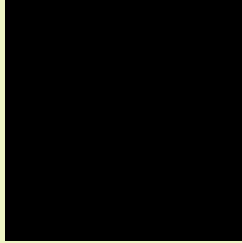
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

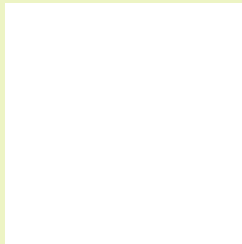
Any Text WCAG AAA ✓ Pass

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

RYB 196, 244, 203 Background



This preview shows how black text looks on a background with the RYB color 196, 244, 203.



This preview shows how white text looks on a background with the RYB color 196, 244, 203.

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

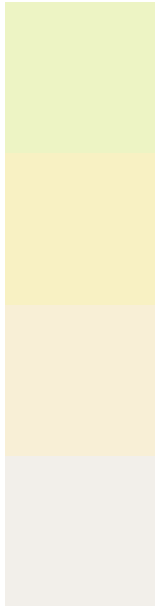
	Original Color 196, 244, 203
	Protanopia 214, 254, 194
	Deuteranopia 255, 244, 224



Tritanopia

245, 236, 255

Trichromacy



Original Color

196, 244, 203

Protanomaly

203, 248, 195

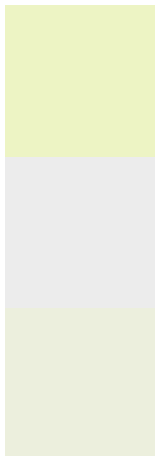
Deuteranomaly

226, 248, 214

Tritanomaly

239, 242, 234

Monochromacy



Original Color

196, 244, 203

Achromatopsia

236, 236, 236

Achromatomaly

221, 239, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 244, 203 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(237, 244, 196)` looks like.

```
.text, #text, p{  
    color:rgb(237, 244, 196)  
}
```

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(237, 244, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 244, 196) }
```

Border

The CSS property to change the border of an element to RYB 196, 244, 203 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(237, 244, 196) }
```

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

```
.border{ border-color:rgb(237, 244, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 244, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 244, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 244, 196);  
box-shadow:4px 4px 4px 4px rgb(237, 244,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 196, 244, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 244, 196) }
```

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

```
.background{ background-color: rgb(237,  
244, 196) }
```

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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