

Converting Colors

`RYB(196, 232, 194)`

Have a look what the booklet for
RYB(196, 232, 194) contains.

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Color

R_YB(196, 232, 194)

Conversions

Conversions Part 1

Format	Color
Hex	E8E6C2
RGB	232, 230, 194
RGB Percent	91%, 90%, 76%
CMY	0.0902, 0.0976, 0.2392
CMYK	0.00, 0.01, 0.16, 0.09
HSL	57°, 45%, 84%
HSV	57°, 16%, 91%
XYZ	71.3410, 77.7002, 62.2765
YIQ	226.4940, 12.7480, -10.7720

Conversions

Conversions Part 2

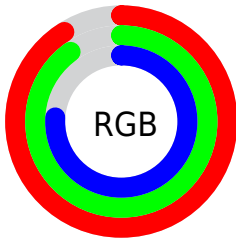
Format	Color
RYB	196, 232, 194
Decimal	15263426
CIELab	90.64, -5.27, 17.85
CIELCh	91, 18.612, 106.446
Yxy	77.7002, 0.3376, 0.3677
Android (android.graphics.Color)	4293453506 (0xFFE8E6C2)
YUV	226.4940, -16.0195, 4.8288
Hunter-Lab	88.1477, -9.7922, 19.8149

Details

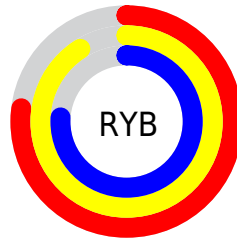
The RYB color **196, 232, 194** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **194, 196, 232**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **251, 255, 251**, and **141, 176, 140** is the 20% darker color. If you saturate the color by 10%, you get **174, 232, 171**, and if you desaturate by 10%, it is **218, 232, 217**.

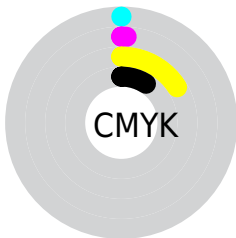
Distribution



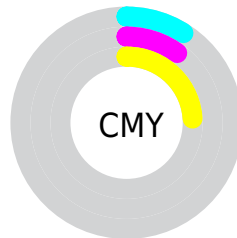
- Red (91%)
- Green (90%)
- Blue (76%)



- Red (77%)
- Yellow (91%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (16%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 232, 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 196, 232, 194 by changing the saturation by 10% instead.

■ 196, 232, 194

255, 255, 255

■ 251, 255, 251

■ 196, 232, 194

■ 169, 204, 167

■ 141, 176, 140

■ 116, 149, 115

■ 91, 123, 90

■ 66, 98, 66

■ 44, 74, 44

■ 23, 51, 23

■ 1, 31, 0

■ 0, 4, 4

 196, 232, 194

 196, 232, 194

 174, 232, 171

 218, 232, 217

 152, 232, 148

 232, 232, 240

 129, 232, 124

 232, 234, 255

 108, 232, 101

 232, 235, 255

 86, 232, 78


 232, 235, 255

 64, 232, 55

 232, 236, 255

 43, 232, 32

 232, 237, 255

 20, 232, 8

 232, 237, 255

 13, 232, 0

 232, 238, 255

Harmonies

Analogous

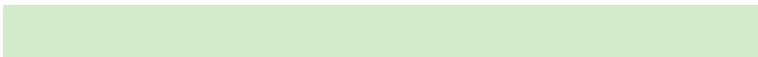
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243, 250, 194



196, 232, 194



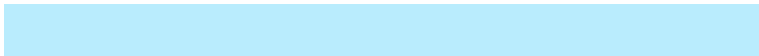
203, 235, 227

Triad

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



196, 232, 194



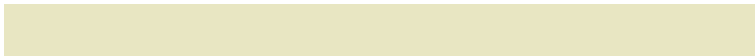
185, 214, 253



255, 217, 237

Complementary

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



196, 232, 194



194, 196, 232

Split Complementary

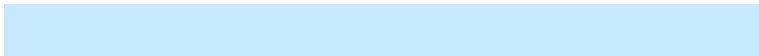
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 221, 253



196, 232, 194



199, 220, 255

Square

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



196, 232, 194



183, 211, 239



221, 225, 255



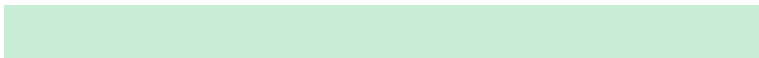
255, 216, 219

Rectangle

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



196, 232, 194



199, 227, 237



221, 225, 255



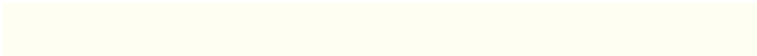
255, 218, 243

Sweetspot

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



196, 232, 194



243, 255, 242



232, 194, 196



121, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

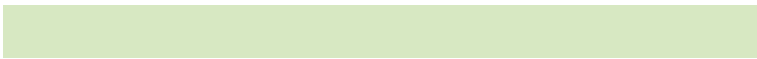
The Same Dimension uses a secret algorithm to generate beautiful new colors.



196, 232, 194



207, 255, 204



194, 232, 211



104, 115, 103



9, 179, 0



3, 51, 0

Inverse Universe

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



194, 196, 232



204, 207, 255



211, 194, 232



103, 104, 115



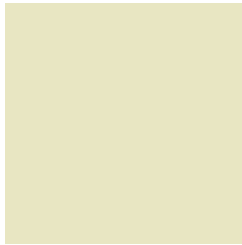
0, 9, 179



0, 3, 51

Previews

White Background



This preview shows how the RYB color 196, 232, 194 looks on a white background.

Color Contrast Check

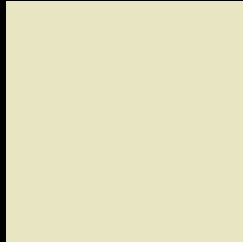
Large Text (above 18pt) WCAG AA × Fail

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 196, 232, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

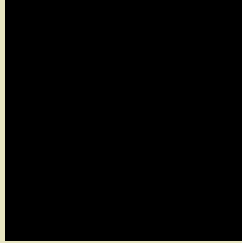
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

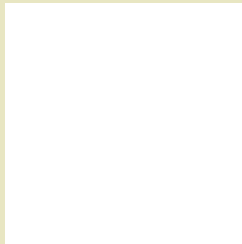
Any Text WCAG AAA ✓ Pass

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

RYB 196, 232, 194 Background



This preview shows how black text looks on a background with the RYB color 196, 232, 194.

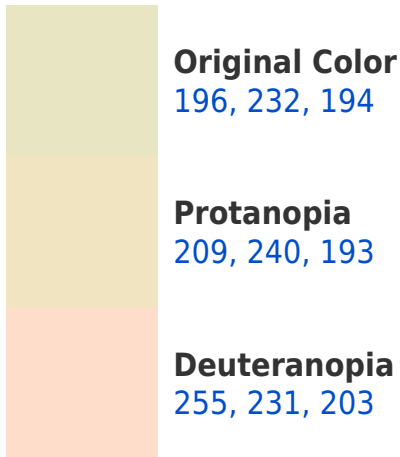


This preview shows how white text looks on a background with the RYB color 196, 232, 194.

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](#).

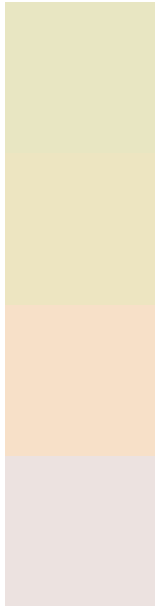
Dichromacy





Tritanopia
238, 223, 241

Trichromacy



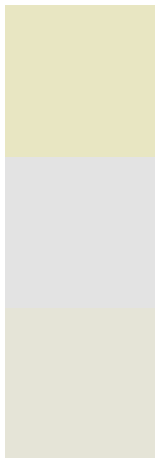
Original Color
196, 232, 194

Protanomaly
203, 237, 193

Deuteranomaly
245, 247, 200

Tritanomaly
236, 226, 224

Monochromacy



Original Color
196, 232, 194

Achromatopsia
227, 227, 227

Achromatomaly
216, 229, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 232, 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(232, 230, 194)` looks like.

```
.text, #text, p{  
    color:rgb(232, 230, 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(232, 230, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 230, 194) }
```

Border

The CSS property to change the border of an element to RYB 196, 232, 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(232, 230, 194) }
```

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

```
.border{ border-color:rgb(232, 230, 194) }
```

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

Here you see how a box with a 4 pixel rgb(232, 230, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 230, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 230, 194);  
box-shadow:4px 4px 4px 4px rgb(232, 230,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 196, 232, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 230, 194) }
```

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

```
.background{ background-color: rgb(232,  
230, 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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