

Converting Colors

`RYB(196, 243, 200)`

Have a look what the booklet for
RYB(196, 243, 200) contains.

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Color

R_YB(196, 243, 200)

Conversions

Conversions Part 1

Format	Color
Hex	EFF3C4
RGB	239, 243, 196
RGB Percent	94%, 95%, 77%
CMY	0.0627, 0.0471, 0.2314
CMYK	0.02, 0.00, 0.19, 0.05
HSL	65°, 66%, 86%
HSV	65°, 19%, 95%
XYZ	77.6110, 86.4374, 64.8181
YIQ	236.4460, 12.7030, -15.4650

Conversions

Conversions Part 2

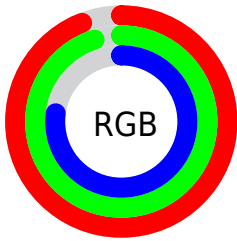
Format	Color
RYB	196, 243, 200
Decimal	15725508
CIELab	94.50, -8.95, 22.27
CIELCh	94, 24.002, 111.895
Yxy	86.4374, 0.3391, 0.3777
Android (android.graphics.Color)	4293915588 (0xFFEFF3C4)
YUV	236.4460, -19.9399, 2.2399
Hunter-Lab	92.9717, -13.6922, 23.7444

Details

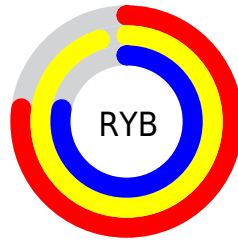
The RYB color **196, 243, 200** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **200, 196, 243**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **253, 255, 253**, and **142, 187, 146** is the 20% darker color. If you saturate the color by 10%, you get **172, 243, 178**, and if you desaturate by 10%, it is **220, 243, 222**.

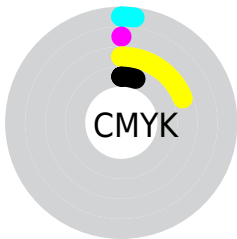
Distribution



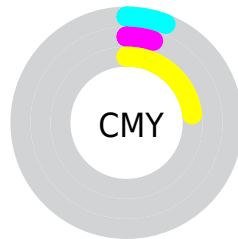
- Red (94%)
- Green (95%)
- Blue (77%)



- Red (77%)
- Yellow (95%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 243, 200 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, 243, 200 by changing the saturation by 10% instead.

196, 243, 200

255, 255, 255

253, 255, 253

196, 243, 200

169, 215, 173

142, 187, 146

116, 160, 120

92, 134, 97

68, 109, 73

45, 84, 50

23, 61, 28

0, 39, 4

0, 20, 18

 196, 243, 200

 196, 243, 200

 172, 243, 178

 220, 243, 222

 147, 243, 155

 243, 243, 245

 123, 243, 133

 245, 243, 255

 99, 243, 111

 247, 243, 255

 75, 243, 89

 249, 243, 255

 50, 243, 66

 251, 243, 255

 26, 243, 44

 253, 243, 255

 2, 243, 23

 255, 243, 255

 0, 243, 21

Harmonies

Analogous

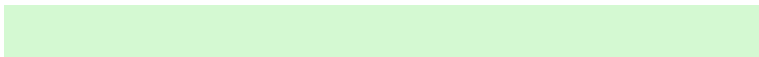
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224, 255, 194



196, 243, 200



210, 249, 247

Triad

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



196, 243, 200



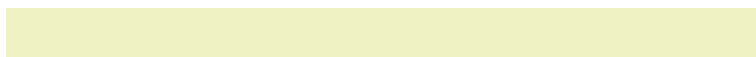
182, 217, 255



255, 223, 246

Complementary

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



196, 243, 200



200, 196, 243

Split Complementary

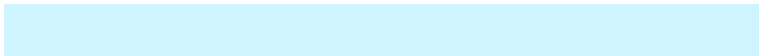
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 228, 255



196, 243, 200



205, 227, 255

Square

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



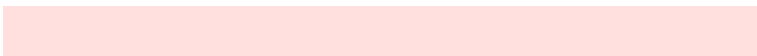
196, 243, 200



177, 215, 255



235, 235, 255



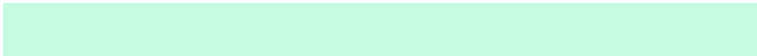
255, 224, 223

Rectangle

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



196, 243, 200



196, 232, 251



235, 235, 255



255, 225, 254

Sweetspot

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



196, 243, 200



240, 255, 241



243, 200, 196



119, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

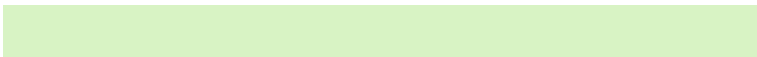
The Same Dimension uses a secret algorithm to generate beautiful new colors.



196, 243, 200



196, 255, 201



196, 243, 223



110, 122, 111



0, 186, 16



0, 59, 5

Inverse Universe

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



200, 196, 243



201, 196, 255



223, 196, 243



111, 110, 122



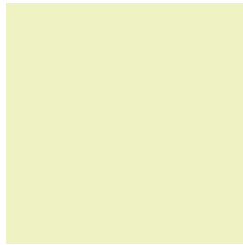
16, 0, 186



5, 0, 59

Previews

White Background



This preview shows how the RYB color 196, 243, 200 looks on a white background.

Color Contrast Check

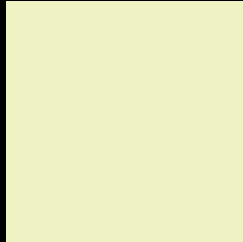
Large Text (above 18pt) WCAG AA × Fail

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, 243, 200 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, 243, 200 Background



This preview shows how black text looks on a background with the RYB color 196, 243, 200.

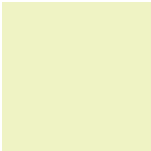
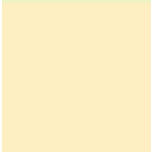
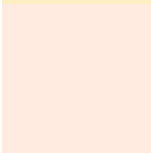


This preview shows how white text looks on a background with the RYB color 196, 243, 200.

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

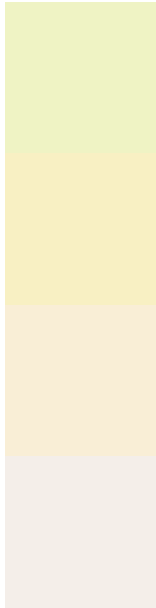
	Original Color 196, 243, 200
	Protanopia 212, 253, 194
	Deuteranopia 255, 241, 224



Tritanopia

247, 235, 254

Trichromacy



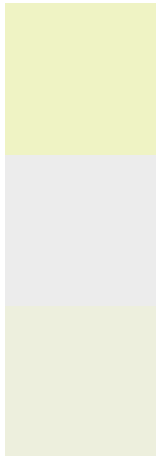
Original Color
196, 243, 200

Protanomaly
204, 248, 195

Deuteranomaly
230, 249, 214

Tritanomaly
244, 242, 233

Monochromacy



Original Color
196, 243, 200

Achromatopsia
236, 236, 236

Achromatomaly
221, 239, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 243, 200 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(239, 243, 196)` looks like.

```
.text, #text, p{  
    color:rgb(239, 243, 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(239, 243, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 243, 196) }
```

Border

The CSS property to change the border of an element to RYB 196, 243, 200 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(239, 243, 196) }
```

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

```
.border{ border-color:rgb(239, 243, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 243, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 243, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 243, 196);  
box-shadow:4px 4px 4px 4px rgb(239, 243,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 196, 243, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 243, 196) }
```

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

```
.background{ background-color: rgb(239,  
243, 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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