

Converting Colors

`RYB(196, 243, 223)`

Have a look what the booklet for
RYB(196, 243, 223) contains.

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Color

R_YB(196, 243, 223)

Conversions

Conversions Part 1

Format	Color
Hex	D8F3C4
RGB	216, 243, 196
RGB Percent	85%, 95%, 77%
CMY	0.1529, 0.0471, 0.2314
CMYK	0.11, 0.00, 0.19, 0.05
HSL	94°, 66%, 86%
HSV	94°, 19%, 95%
XYZ	70.3333, 82.6856, 64.4775
YIQ	229.5690, -1.0050, -20.3410

Conversions

Conversions Part 2

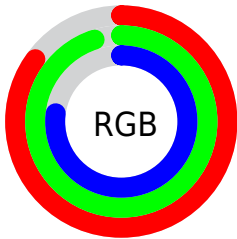
Format	Color
RYB	196, 243, 223
Decimal	14218180
CIELab	92.88, -17.05, 19.77
CIElCh	93, 26.104, 130.772
Yxy	82.6856, 0.3234, 0.3802
Android (android.graphics.Color)	4292408260 (0xFFD8F3C4)
YUV	229.5690, -16.5495, -11.9000
Hunter-Lab	90.9316, -21.0652, 21.6110

Details

The RYB color **196, 243, 223** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **223, 196, 243**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **253, 255, 253**, and **142, 187, 168** is the 20% darker color. If you saturate the color by 10%, you get **172, 243, 213**, and if you desaturate by 10%, it is **220, 243, 233**.

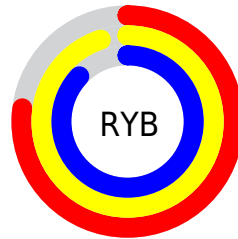
Distribution



Red (85%)

Green (95%)

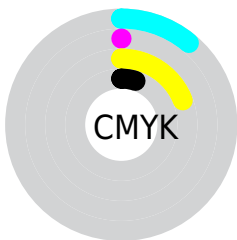
Blue (77%)



Red (77%)

Yellow (95%)

Blue (87%)

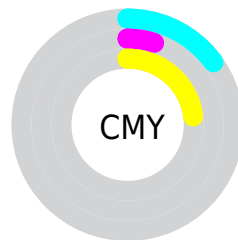


Cyan (11%)

Magenta (0%)

Yellow (19%)

Black (5%)



Cyan (15%)

Magenta (5%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 243, 223 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, 223 by changing the saturation by 10% instead.

196, 243, 223

255, 255, 255

253, 255, 253

196, 243, 223

169, 215, 196

142, 187, 168

116, 160, 142

92, 134, 117

68, 108, 92

45, 84, 69

24, 61, 47

0, 39, 21

0, 18, 18

 196, 243, 223

 196, 243, 223

 172, 243, 213

 220, 243, 233

 147, 243, 202

 244, 243, 245

 123, 243, 192

 255, 243, 255

 99, 243, 182

 75, 243, 172

 50, 243, 161

 26, 243, 151

 2, 243, 141

 0, 243, 140

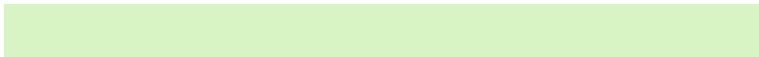
Harmonies

Analogous

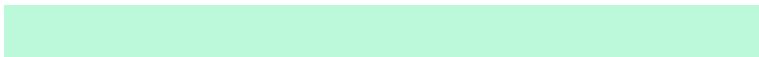
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



194, 244, 185



196, 243, 223



188, 228, 248

Triad

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



196, 243, 223



186, 217, 255



255, 217, 226

Complementary

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



196, 243, 223



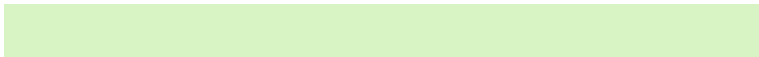
223, 196, 243

Split Complementary

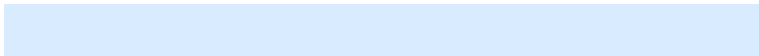
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 219, 252



196, 243, 223



217, 229, 255

Square

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



196, 243, 223



167, 209, 255



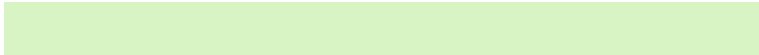
250, 225, 255



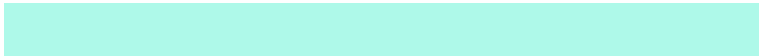
255, 228, 203

Rectangle

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



196, 243, 223



174, 216, 249



250, 225, 255



255, 217, 235

Sweetspot

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



196, 243, 223



240, 255, 249



231, 243, 196



119, 128, 125



0, 0, 0



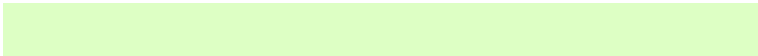
128, 128, 128

Same Dimension

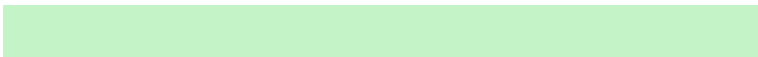
The Same Dimension uses a secret algorithm to generate beautiful new colors.



196, 243, 223



196, 255, 230



196, 240, 243



110, 122, 117



0, 186, 107



0, 59, 34

Inverse Universe

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



223, 196, 243



230, 196, 255



243, 196, 240



117, 110, 122



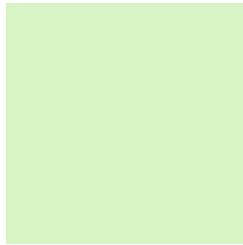
107, 0, 186



34, 0, 59

Previews

White Background



This preview shows how the RYB color 196, 243, 223 looks on a white background.

Color Contrast Check

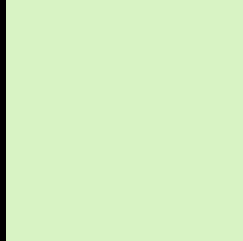
Large Text (above 18pt) WCAG AA × Fail

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, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

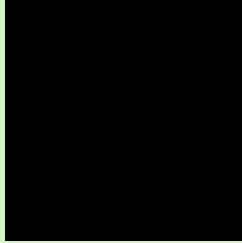
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

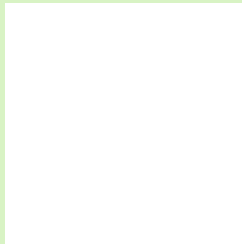
Any Text WCAG AAA ✓ Pass

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

RYB 196, 243, 223 Background



This preview shows how black text looks on a background with the RYB color 196, 243, 223.

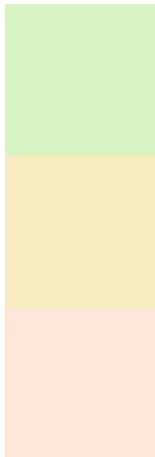


This preview shows how white text looks on a background with the RYB color 196, 243, 223.

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, 223

Protanopia
210, 248, 191

Deuteranopia
255, 237, 215



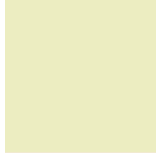
Tritanopia
225, 232, 254

Trichromacy



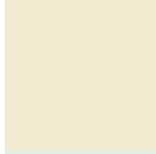
Original Color

196, 243, 223



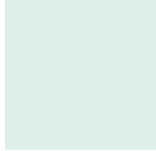
Protanomaly

193, 237, 194



Deuteranomaly

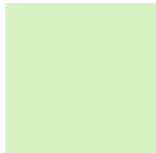
217, 241, 208



Tritanomaly

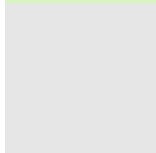
222, 231, 238

Monochromacy



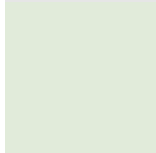
Original Color

196, 243, 223



Achromatopsia

230, 230, 230



Achromatomaly

218, 235, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 243, 223 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(216, 243, 196)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 243, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 243, 196) }
```

Border

The CSS property to change the border of an element to RYB 196, 243, 223 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(216, 243, 196) }
```

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

```
.border{ border-color:rgb(216, 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(216, 243, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 243, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 243, 196);  
box-shadow:4px 4px 4px 4px rgb(216, 243,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 196, 243, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 243, 196) }
```

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

```
.background{ background-color: rgb(216,  
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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