

Converting Colors

`RYB(197, 223, 168)`

Have a look what the booklet for
RYB(197, 223, 168) contains.

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Color

R_YB(197, 223, 168)

Conversions

Conversions Part 1

Format	Color
Hex	DFCCA8
RGB	223, 204, 168
RGB Percent	87%, 80%, 66%
CMY	0.1255, 0.2000, 0.3412
CMYK	0.00, 0.09, 0.25, 0.13
HSL	39°, 46%, 77%
HSV	39°, 25%, 87%
XYZ	59.0950, 61.7065, 45.8417
YIQ	205.5770, 22.8800, -7.1680

Conversions

Conversions Part 2

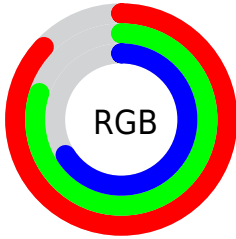
Format	Color
RYB	197, 223, 168
Decimal	14666920
CIELab	82.76, 1.07, 20.37
CIElCh	83, 20.401, 86.984
Yxy	61.7065, 0.3546, 0.3703
Android (android.graphics.Color)	4292857000 (0xFFDFCCA8)
YUV	205.5770, -18.5255, 15.2800
Hunter-Lab	78.5535, -3.1849, 20.3874

Details

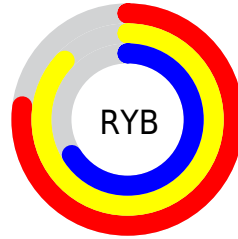
The RYB color **197, 223, 168** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **168, 182, 223**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **223, 255, 223**, and **142, 167, 116** is the 20% darker color. If you saturate the color by 10%, you get **188, 223, 146**, and if you desaturate by 10%, it is **207, 223, 190**.

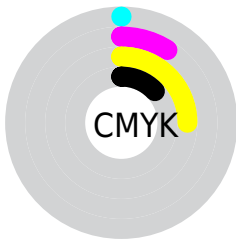
Distribution



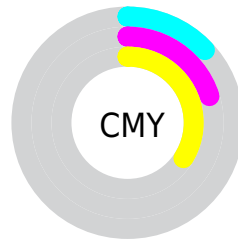
- Red (87%)
- Green (80%)
- Blue (66%)



- Red (77%)
- Yellow (87%)
- Blue (66%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 223, 168 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 197, 223, 168 by changing the saturation by 10% instead.

 197, 223, 168

255, 255, 255


 223, 255, 223

 252, 255, 252

 197, 223, 168

 168, 195, 141


 142, 167, 116


 115, 140, 91

 89, 114, 67

 63, 89, 45

 40, 65, 23

 15, 43, 0

 15, 17, 0

 0, 0, 0

197, 223, 168

197, 223, 168

188, 223, 146

207, 223, 190

175, 223, 123

220, 223, 213

165, 223, 101

223, 226, 235

156, 223, 79

223, 232, 255

143, 223, 56

223, 235, 255

133, 223, 34

223, 238, 255

124, 223, 12

223, 239, 255

118, 223, 0

Harmonies

Analogous

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



239, 211, 175



197, 223, 168



172, 210, 180

Triad

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



197, 223, 168



155, 187, 223



229, 196, 227

Complementary

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



197, 223, 168



168, 182, 223

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.



207, 202, 240



197, 223, 168



162, 193, 237

Square

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



197, 223, 168



162, 194, 217



182, 200, 244



243, 193, 209

Rectangle

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



197, 223, 168



179, 213, 205



182, 200, 244



223, 198, 232

Sweetspot

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



197, 223, 168



246, 255, 237



223, 168, 187



123, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



197, 223, 168



219, 255, 179



168, 223, 176



107, 112, 101



93, 176, 0



24, 48, 0

Inverse Universe

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



168, 182, 223



179, 198, 255



176, 168, 223



101, 104, 112



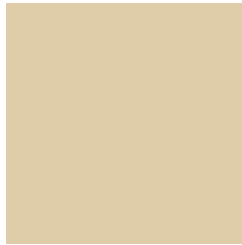
0, 45, 176



0, 13, 48

Previews

White Background



This preview shows how the RYB color 197, 223, 168 looks on a white background.

Color Contrast Check

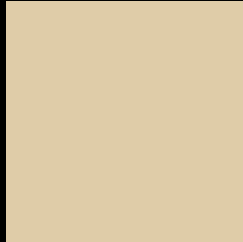
Large Text (above 18pt) WCAG AA × Fail

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 197, 223, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

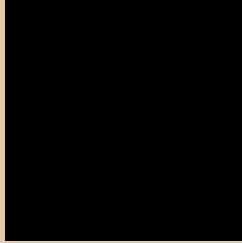
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

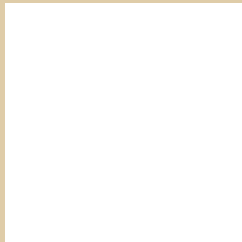
Any Text WCAG AAA ✓ Pass

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

RYB 197, 223, 168 Background



This preview shows how black text looks on a background with the RYB color 197, 223, 168.

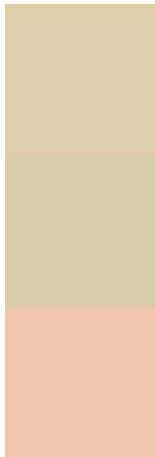


This preview shows how white text looks on a background with the RYB color 197, 223, 168.

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
197, 223, 168

Protanopia
185, 218, 169

Deuteranopia
239, 219, 169



Tritanopia
229, 198, 213

Trichromacy



Original Color

197, 223, 168

Protanomaly

190, 220, 169

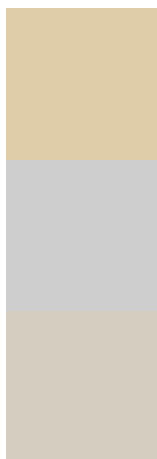
Deuteranomaly

233, 229, 169

Tritanomaly

227, 200, 197

Monochromacy



Original Color

197, 223, 168

Achromatopsia

206, 206, 206

Achromatomaly

203, 212, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 223, 168 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(223, 204, 168)` looks like.

```
.text, #text, p{  
    color:rgb(223, 204, 168)  
}
```

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(223, 204, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 204, 168) }
```

Border

The CSS property to change the border of an element to RYB 197, 223, 168 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(223, 204, 168) }
```

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

```
.border{ border-color:rgb(223, 204, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 204, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 204, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 204, 168);  
box-shadow:4px 4px 4px 4px rgb(223, 204,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 197, 223, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 204, 168) }
```

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

```
.background{ background-color: rgb(223,  
204, 168) }
```

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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