

Converting Colors

`RYB(198, 223, 161)`

Have a look what the booklet for
RYB(198, 223, 161) contains.

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Color

R_YB(198, 223, 161)

Conversions

Conversions Part 1

Format	Color
Hex	DFC8A1
RGB	223, 200, 161
RGB Percent	87%, 78%, 63%
CMY	0.1255, 0.2164, 0.3686
CMYK	0.00, 0.10, 0.28, 0.13
HSL	38°, 49%, 75%
HSV	38°, 28%, 87%
XYZ	57.4790, 59.4902, 42.1715
YIQ	202.4310, 26.2270, -7.2530

Conversions

Conversions Part 2

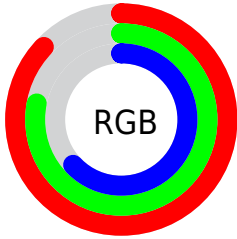
Format	Color
RYB	198, 223, 161
Decimal	14665889
CIELab	81.56, 2.31, 22.42
CIELCh	82, 22.540, 84.128
Yxy	59.4902, 0.3612, 0.3738
Android (android.graphics.Color)	4292855969 (0xFFDFC8A1)
YUV	202.4310, -20.4255, 18.0390
Hunter-Lab	77.1299, -1.9551, 21.5736

Details

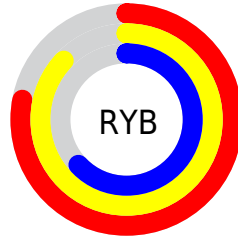
The RYB color **198, 223, 161** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **161, 178, 223**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **216, 255, 216**, and **142, 167, 109** is the 20% darker color. If you saturate the color by 10%, you get **191, 223, 139**, and if you desaturate by 10%, it is **207, 223, 183**.

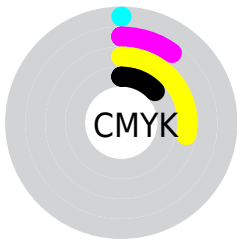
Distribution



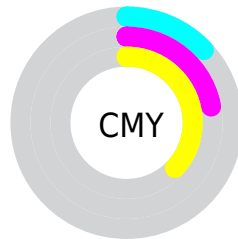
- Red (87%)
- Green (78%)
- Blue (63%)



- Red (78%)
- Yellow (87%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (28%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 223, 161 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 198, 223, 161 by changing the saturation by 10% instead.


 198, 223, 161

255, 255, 255

 216, 255, 216


 244, 255, 244

 198, 223, 161

 170, 195, 135


 142, 167, 109

 116, 140, 85

 88, 114, 61

 65, 89, 39

 38, 64, 18

 19, 42, 0

 14, 6, 0

 0, 0, 0

 198, 223, 161


 198, 223, 161

 191, 223, 139


 207, 223, 183

 180, 223, 116


 218, 223, 206

 170, 223, 94


 223, 224, 228

 164, 223, 72

 223, 230, 250

 153, 223, 49

 223, 235, 255

 143, 223, 27

 223, 238, 255

 136, 223, 5

 223, 239, 255

 132, 223, 0

Harmonies

Analogous

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



239, 206, 169



198, 223, 161



164, 207, 170

Triad

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



198, 223, 161



145, 181, 219



226, 192, 228

Complementary

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



198, 223, 161



161, 178, 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.



201, 199, 241



198, 223, 161



151, 186, 236

Square

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



198, 223, 161



156, 190, 215



173, 196, 244



242, 188, 208

Rectangle

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



198, 223, 161



172, 210, 198



173, 196, 244



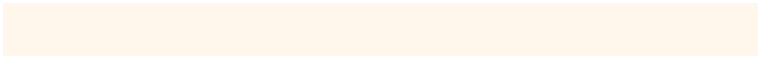
219, 194, 233

Sweetspot

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



198, 223, 161



248, 255, 235



223, 161, 185



123, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



198, 223, 161



220, 255, 171



161, 223, 168



107, 112, 101



106, 176, 0



29, 48, 0

Inverse Universe

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



161, 178, 223



171, 194, 255



168, 161, 223



101, 104, 112



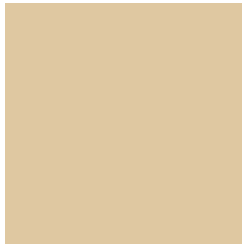
0, 48, 176



0, 13, 48

Previews

White Background



This preview shows how the RYB color 198, 223, 161 looks on a white background.

Color Contrast Check

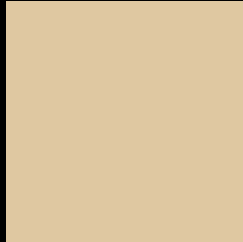
Large Text (above 18pt) WCAG AA × Fail

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 198, 223, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

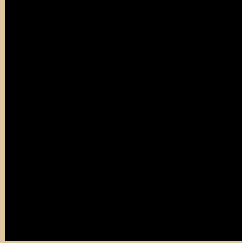
Any Text WCAG AA ✓ Pass

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 198, 223, 161 Background



This preview shows how black text looks on a background with the RYB color 198, 223, 161.



This preview shows how white text looks on a background with the RYB color 198, 223, 161.

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
198, 223, 161

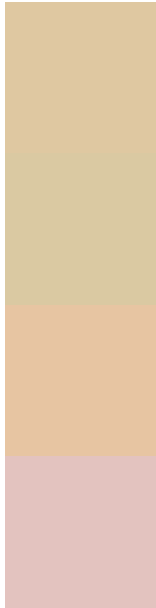
Protanopia
179, 215, 162

Deuteranopia
236, 222, 162



Tritanopia
229, 193, 208

Trichromacy



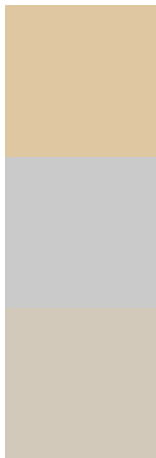
Original Color
198, 223, 161

Protanomaly
186, 218, 162

Deuteranomaly
229, 231, 162

Tritanomaly
227, 196, 191

Monochromacy



Original Color
198, 223, 161

Achromatopsia
202, 202, 202

Achromatomaly
202, 210, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 223, 161 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, 200, 161)` looks like.

```
.text, #text, p{  
    color:rgb(223, 200, 161)  
}
```

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, 200, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 200, 161) }
```

Border

The CSS property to change the border of an element to RYB 198, 223, 161 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, 200, 161) }
```

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

```
.border{ border-color:rgb(223, 200, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 200, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 200, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 200, 161); box-shadow:4px 4px 4px 4px rgb(223, 200, 161) }
```

Background

The CSS property to change the background color of an element to RYB 198, 223, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 200, 161) }
```

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

```
.background{ background-color: rgb(223,  
200, 161) }
```

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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