

Converting Colors

`RYB(183, 221, 164)`

Have a look what the booklet for
RYB(183, 221, 164) contains.

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Color

R_YB(183, 221, 164)

Conversions

Conversions Part 1

Format	Color
Hex	DDCFA4
RGB	221, 207, 164
RGB Percent	87%, 81%, 64%
CMY	0.1333, 0.1892, 0.3569
CMYK	0.00, 0.06, 0.26, 0.13
HSL	45°, 46%, 75%
HSV	45°, 26%, 87%
XYZ	58.7719, 62.5571, 44.0991
YIQ	206.2840, 22.1470, -10.4050

Conversions

Conversions Part 2

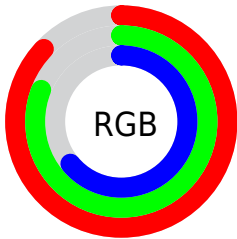
Format	Color
R _{YB}	183, 221, 164
Decimal	14536612
CIE Lab	83.21, -1.65, 23.08
CIE LCh	83, 23.134, 94.096
Yxy	62.5571, 0.3553, 0.3782
Android (android.graphics.Color)	4292726692 (0xFFDDCFA4)
YUV	206.2840, -20.8460, 12.9059
Hunter-Lab	79.0930, -5.7742, 22.3074

Details

The RYB color **183, 221, 164** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **164, 175, 221**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **219, 255, 219**, and **128, 165, 112** is the 20% darker color. If you saturate the color by 10%, you get **169, 221, 142**, and if you desaturate by 10%, it is **198, 221, 186**.

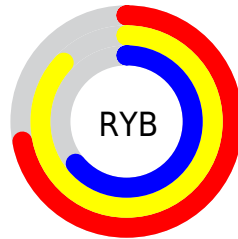
Distribution



Red (87%)

Green (81%)

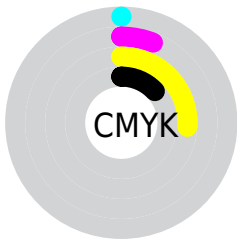
Blue (64%)



Red (72%)

Yellow (87%)

Blue (64%)

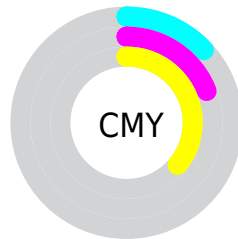


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RYB color 183, 221, 164 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 183, 221, 164 by changing the saturation by 10% instead.

 183, 221, 164

 183, 221, 164


255, 255, 255

 157, 193, 138

 219, 255, 219

 128, 165, 112

 248, 255, 248


 103, 139, 87

 78, 113, 64

 52, 87, 41

 30, 63, 20

 10, 42, 0

 1, 13, 0

 0, 0, 0

 183, 221, 164

 183, 221, 164

 169, 221, 142


 198, 221, 186


 153, 221, 120


 212, 221, 208


 139, 221, 98

 221, 223, 230

 124, 221, 76


 221, 227, 252

 110, 221, 54


 221, 230, 255

 93, 221, 31

 221, 233, 255

 80, 221, 9

 221, 235, 255

 73, 221, 0

 221, 237, 255

 221, 238, 255

Harmonies

Analogous

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



240, 224, 169



183, 221, 164



171, 213, 187

Triad

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



183, 221, 164



148, 186, 231



238, 195, 227

Complementary

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



183, 221, 164



164, 175, 221

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.



215, 201, 243



183, 221, 164



160, 194, 246

Square

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



183, 221, 164



153, 189, 220



186, 202, 250



251, 192, 205

Rectangle

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



183, 221, 164



180, 216, 217



186, 202, 250



231, 196, 233

Sweetspot

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



183, 221, 164



242, 255, 235



221, 164, 178



121, 128, 115



0, 0, 0



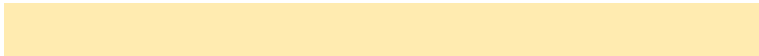
128, 128, 128

Same Dimension

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



183, 221, 164



203, 255, 176



164, 221, 178



103, 110, 99



57, 173, 0



16, 46, 0

Inverse Universe

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



164, 175, 221



176, 192, 255



178, 164, 221



99, 101, 110



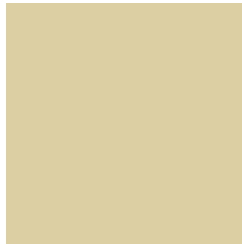
0, 34, 173



0, 9, 46

Previews

White Background



This preview shows how the RYB color 183, 221, 164 looks on a white background.

Color Contrast Check

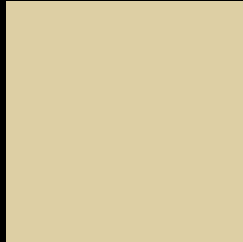
Large Text (above 18pt) WCAG AA × Fail

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 183, 221, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

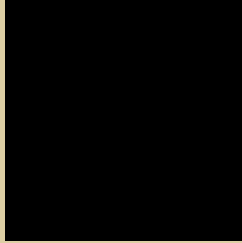
Any Text WCAG AA ✓ Pass

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 183, 221, 164 Background



This preview shows how black text looks on a background with the RYB color 183, 221, 164.



This preview shows how white text looks on a background with the RYB color 183, 221, 164.

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
183, 221, 164

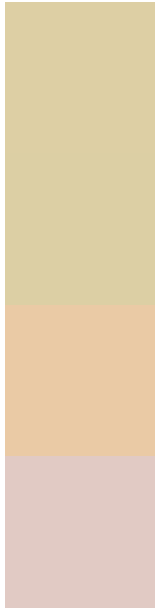
Protanopia
181, 220, 164

Deuteranopia
242, 224, 166



Tritanopia
227, 200, 215

Trichromacy



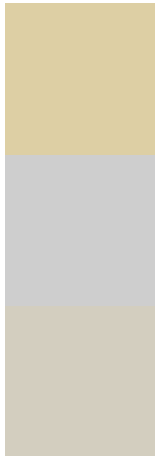
Original Color
183, 221, 164

Protanomaly
181, 220, 164

Deuteranomaly
225, 234, 165

Tritanomaly
225, 204, 196

Monochromacy



Original Color
183, 221, 164

Achromatopsia
206, 206, 206

Achromatomaly
198, 211, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 221, 164 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(221, 207, 164)` looks like.

```
.text, #text, p{  
    color:rgb(221, 207, 164)  
}
```

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(221, 207, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 207, 164) }
```

Border

The CSS property to change the border of an element to RYB 183, 221, 164 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(221, 207, 164) }
```

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

```
.border{ border-color:rgb(221, 207, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 207, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 207, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 207, 164);  
box-shadow:4px 4px 4px 4px rgb(221, 207,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 183, 221, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 207, 164) }
```

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

```
.background{ background-color: rgb(221,  
207, 164) }
```

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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