

Converting Colors

`RYB(164, 208, 131)`

Have a look what the booklet for
RYB(164, 208, 131) contains.

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Color

R_YB(164, 208, 131)

Conversions

Conversions Part 1

Format	Color
Hex	D0B983
RGB	208, 185, 131
RGB Percent	82%, 73%, 51%
CMY	0.1843, 0.2749, 0.4863
CMYK	0.00, 0.11, 0.37, 0.18
HSL	42°, 45%, 66%
HSV	42°, 37%, 82%
XYZ	47.4372, 49.7047, 28.5665
YIQ	185.7210, 31.0420, -11.9180

Conversions

Conversions Part 2

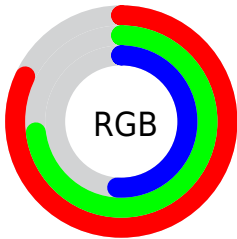
Format	Color
RYB	164, 208, 131
Decimal	13678979
CIELab	75.89, 0.54, 30.39
CIELCh	76, 30.397, 88.977
Yxy	49.7047, 0.3774, 0.3954
Android (android.graphics.Color)	4291869059 (0xFFD0B983)
YUV	185.7210, -26.9775, 19.5387
Hunter-Lab	70.5016, -3.2734, 25.3274

Details

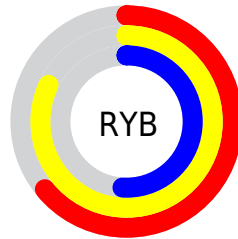
The RYB color **164, 208, 131** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **131, 149, 208**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **201, 255, 184**, and **109, 152, 81** is the 20% darker color. If you saturate the color by 10%, you get **151, 208, 110**, and if you desaturate by 10%, it is **176, 208, 152**.

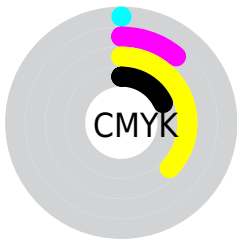
Distribution



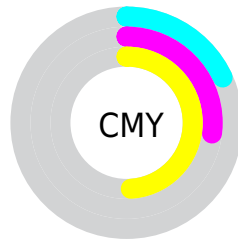
- Red (82%)
- Green (73%)
- Blue (51%)



- Red (64%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (37%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 208, 131 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 164, 208, 131 by changing the saturation by 10% instead.

 164, 208, 131


255, 255, 255

 201, 255, 184


 212, 255, 212

 241, 255, 241

 164, 208, 131

 136, 180, 105

 109, 152, 81

 83, 126, 57

 57, 100, 34

 29, 74, 11

 17, 51, 0

 12, 26, 0

 0, 0, 0

 164, 208, 131

 164, 208, 131

151, 208, 110

176, 208, 152

141, 208, 89

189, 208, 173

129, 208, 69

198, 208, 193

117, 208, 48

208, 210, 214

104, 208, 27

208, 214, 235

93, 208, 6

208, 219, 255

88, 208, 0

208, 223, 255

208, 225, 255

208, 227, 255

Harmonies

Analogous

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



231, 197, 140



164, 208, 131



137, 194, 153

Triad

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



164, 208, 131



100, 154, 213



222, 171, 216

Complementary

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



164, 208, 131



131, 149, 208

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.



190, 180, 236



164, 208, 131



113, 163, 234

Square

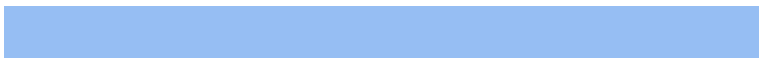
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



164, 208, 131



116, 165, 203



150, 178, 243



240, 166, 189

Rectangle

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



164, 208, 131



149, 198, 190



150, 178, 243



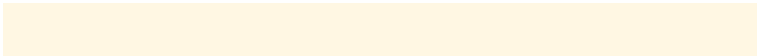
213, 174, 224

Sweetspot

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



164, 208, 131



238, 255, 227



208, 131, 154



118, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



164, 208, 131



192, 255, 143



131, 208, 146



100, 105, 94



71, 168, 0



17, 41, 0

Inverse Universe

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



131, 149, 208



143, 168, 255



146, 131, 208



94, 96, 105



0, 39, 168



0, 9, 41

Previews

White Background



This preview shows how the RYB color 164, 208, 131 looks on a white background.

Color Contrast Check

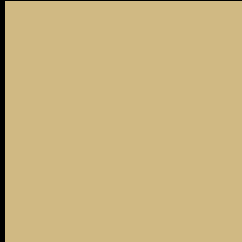
Large Text (above 18pt) WCAG AA × Fail

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 164, 208, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

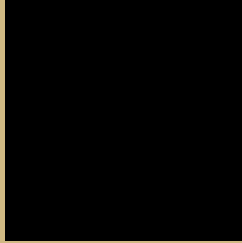
Any Text WCAG AA ✓ Pass

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 164, 208, 131 Background



This preview shows how black text looks on a background with the RYB color 164, 208, 131.



This preview shows how white text looks on a background with the RYB color 164, 208, 131.

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
[164](#), [208](#), [131](#)

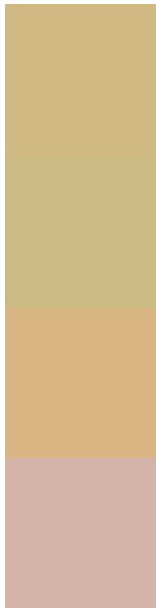
Protanopia
[151](#), [202](#), [132](#)

Deuteranopia
[217](#), [223](#), [132](#)



Tritanopia
215, 177, 191

Trichromacy



Original Color
164, 208, 131

Protanomaly
156, 204, 132

Deuteranomaly
197, 218, 132

Tritanomaly
212, 184, 169

Monochromacy



Original Color
164, 208, 131

Achromatopsia
186, 186, 186

Achromatomaly
177, 194, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 208, 131 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(208, 185, 131) looks like.

```
.text, #text, p{  
    color:rgb(208, 185, 131)  
}
```

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(208, 185, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 185, 131) }
```

Border

The CSS property to change the border of an element to RYB 164, 208, 131 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(208, 185, 131) }
```

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

```
.border{ border-color:rgb(208, 185, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 185, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 185, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 185, 131);  
box-shadow:4px 4px 4px 4px rgb(208, 185,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 164, 208, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 185, 131) }
```

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

```
.background{ background-color: rgb(208,  
185, 131) }
```

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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