

Converting Colors

`RYB(168, 204, 137)`

Have a look what the booklet for
RYB(168, 204, 137) contains.

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Color

`RYB(168, 204, 137)`

Conversions

Conversions Part 1

Format	Color
Hex	CCB789
RGB	204, 183, 137
RGB Percent	80%, 72%, 54%
CMY	0.2000, 0.2831, 0.4627
CMYK	0.00, 0.10, 0.33, 0.20
HSL	41°, 40%, 67%
HSV	41°, 33%, 80%
XYZ	46.3107, 48.4306, 30.5741
YIQ	184.0350, 27.2820, -9.8540

Conversions

Conversions Part 2

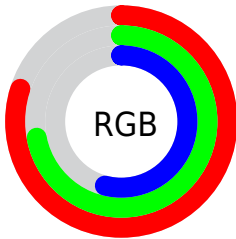
Format	Color
RYB	168, 204, 137
Decimal	13416329
CIELab	75.10, 0.79, 26.09
CIELCh	75, 26.107, 88.263
Yxy	48.4306, 0.3696, 0.3865
Android (android.graphics.Color)	4291606409 (0xFFCCB789)
YUV	184.0350, -23.1883, 17.5093
Hunter-Lab	69.5921, -3.0016, 22.6664

Details

The RYB color **168, 204, 137** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **137, 153, 204**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **212, 255, 191**, and **114, 149, 87** is the 20% darker color. If you saturate the color by 10%, you get **158, 204, 117**, and if you desaturate by 10%, it is **179, 204, 157**.

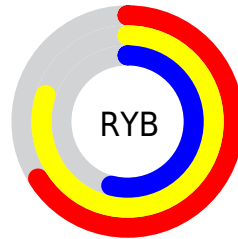
Distribution



Red (80%)

Green (72%)

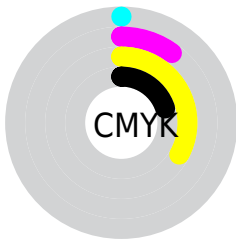
Blue (54%)



Red (66%)

Yellow (80%)

Blue (54%)

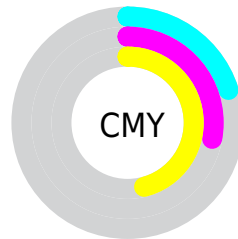


Cyan (0%)

Magenta (10%)

Yellow (33%)

Black (20%)



Cyan (20%)

Magenta (28%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 204, 137 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 168, 204, 137 by changing the saturation by 10% instead.

 168, 204, 137


255, 255, 255

 212, 255, 191


 219, 255, 219

 247, 255, 247

 168, 204, 137


 140, 176, 111

 114, 149, 87

 87, 122, 63

 62, 97, 40

 37, 72, 18

 16, 49, 0

 12, 24, 0

 0, 0, 0

 168, 204, 137

 168, 204, 137

■ 158, 204, 117

■ 179, 204, 157

■ 146, 204, 96

■ 190, 204, 178

■ 136, 204, 76

■ 201, 204, 198

■ 124, 204, 55

■ 204, 208, 219

■ 112, 204, 35

■ 204, 212, 239

■ 103, 204, 15

■ 204, 217, 255

■ 95, 204, 0

■ 204, 220, 255

■ 204, 223, 255

■ 204, 225, 255

Harmonies

Analogous

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



224, 193, 145



168, 204, 137



142, 190, 154

Triad

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



168, 204, 137



115, 159, 207



215, 172, 211

Complementary

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



168, 204, 137



137, 153, 204

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.



187, 179, 227



168, 204, 137



125, 166, 225

Square

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



168, 204, 137



126, 166, 198



154, 177, 232



231, 168, 187

Rectangle

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



168, 204, 137



152, 194, 186



154, 177, 232



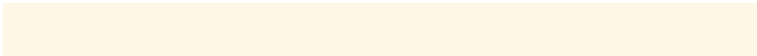
206, 174, 217

Sweetspot

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



168, 204, 137



242, 255, 230



204, 137, 158



119, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



168, 204, 137



201, 255, 156



137, 204, 149



96, 102, 92



78, 166, 0



18, 38, 0

Inverse Universe

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



137, 153, 204



156, 180, 255



149, 137, 204



92, 94, 102



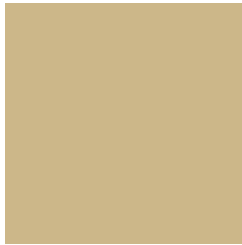
0, 40, 166



0, 9, 38

Previews

White Background



This preview shows how the RYB color 168, 204, 137 looks on a white background.

Color Contrast Check

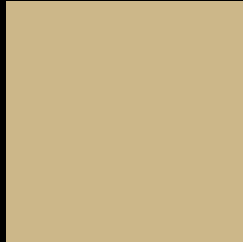
Large Text (above 18pt) WCAG AA × Fail

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 168, 204, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

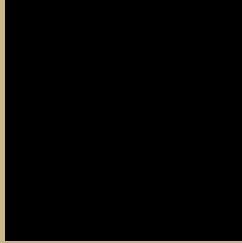
Any Text WCAG AA ✓ Pass

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 168, 204, 137 Background



This preview shows how black text looks on a background with the RYB color 168, 204, 137.




This preview shows how white text looks on a background with the RYB color 168, 204, 137.

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](#).

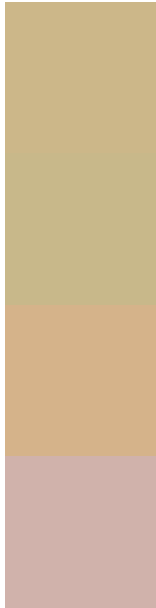
Dichromacy





Tritanopia
210, 176, 190

Trichromacy



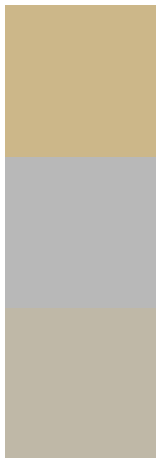
Original Color
168, 204, 137

Protanomaly
160, 200, 138

Deuteranomaly
200, 213, 138

Tritanomaly
208, 180, 171

Monochromacy



Original Color
168, 204, 137

Achromatopsia
184, 184, 184

Achromatomaly
177, 191, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 204, 137 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(204, 183, 137) looks like.

```
.text, #text, p{  
    color:rgb(204, 183, 137)  
}
```

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(204, 183, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 183, 137) }
```

Border

The CSS property to change the border of an element to RYB 168, 204, 137 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(204, 183, 137) }
```

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

```
.border{ border-color:rgb(204, 183, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 183, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 183, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 183, 137);  
box-shadow:4px 4px 4px 4px rgb(204, 183,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 168, 204, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 183, 137) }
```

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

```
.background{ background-color: rgb(204,  
183, 137) }
```

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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