

Converting Colors

`RYB(174, 204, 169)`

Have a look what the booklet for
RYB(174, 204, 169) contains.

RYB(174, 204, 169)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(174, 204, 169)

Conversions

Conversions Part 1

Format	Color
Hex	CCC8A9
RGB	204, 200, 169
RGB Percent	80%, 78%, 66%
CMY	0.2000, 0.2172, 0.3373
CMYK	0.00, 0.02, 0.17, 0.20
HSL	52°, 26%, 73%
HSV	52°, 17%, 80%
XYZ	52.6308, 56.8370, 45.7328
YIQ	197.6620, 12.3350, -8.7930

Conversions

Conversions Part 2

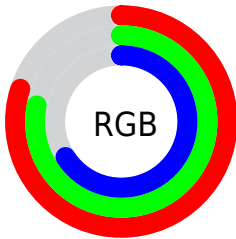
Format	Color
RYB	174, 204, 169
Decimal	13420713
CIELab	80.09, -3.59, 15.89
CIELCh	80, 16.289, 102.718
Yxy	56.8370, 0.3391, 0.3662
Android (android.graphics.Color)	4291610793 (0xFFCCC8A9)
YUV	197.6620, -14.1304, 5.5584
Hunter-Lab	75.3903, -7.3203, 16.8071

Details

The RYB color **174, 204, 169** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **169, 173, 204**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **224, 255, 224**, and **122, 150, 117** is the 20% darker color. If you saturate the color by 10%, you get **157, 204, 149**, and if you desaturate by 10%, it is **191, 204, 189**.

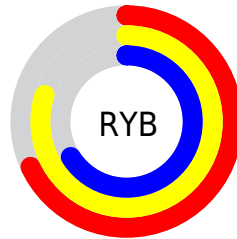
Distribution



Red (80%)

Green (78%)

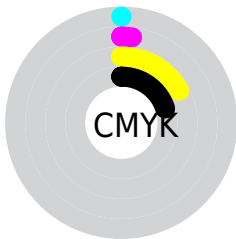
Blue (66%)



Red (68%)

Yellow (80%)

Blue (66%)

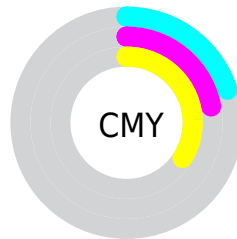


Cyan (0%)

Magenta (2%)

Yellow (17%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 204, 169 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 174, 204, 169 by changing the saturation by 10% instead.


 174, 204, 169


255, 255, 255


 224, 255, 224


253, 255, 253


 174, 204, 169

 147, 176, 142


 122, 150, 117

 97, 124, 92

 71, 98, 68

 48, 74, 46

 27, 51, 25

 3, 31, 0


 0, 1, 1

 0, 0, 0

 174, 204, 169

 174, 204, 169

 157, 204, 149

 191, 204, 189

 138, 204, 128

 204, 205, 210

 122, 204, 108

 204, 207, 230

 104, 204, 87

 204, 209, 251

 86, 204, 67


 204, 211, 255

 70, 204, 47


 204, 213, 255

 51, 204, 26

 204, 214, 255

 35, 204, 6

 204, 216, 255

 30, 204, 0

 204, 218, 255

Harmonies

Analogous

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



217, 219, 170



174, 204, 169



176, 204, 193

Triad

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



174, 204, 169



161, 186, 219



224, 189, 208

Complementary

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



174, 204, 169



169, 173, 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.



209, 193, 221



174, 204, 169



172, 192, 227

Square

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



174, 204, 169



161, 185, 208



190, 197, 228



231, 188, 193

Rectangle

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



174, 204, 169



175, 199, 206



190, 197, 228



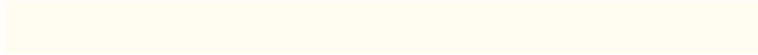
220, 190, 213

Sweetspot

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



174, 204, 169



244, 255, 242



204, 169, 174



121, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



174, 204, 169



209, 255, 201



169, 204, 182



93, 102, 92



24, 166, 0



6, 38, 0

Inverse Universe

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



169, 173, 204



201, 207, 255



182, 169, 204



92, 93, 102



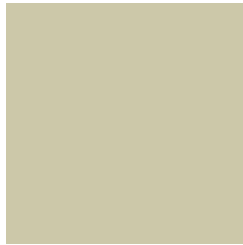
0, 19, 166



0, 4, 38

Previews

White Background



This preview shows how the RYB color 174, 204, 169 looks on a white background.

Color Contrast Check

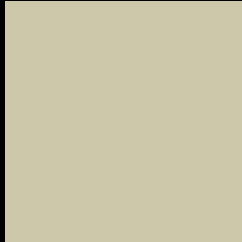
Large Text (above 18pt) WCAG AA × Fail

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 174, 204, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

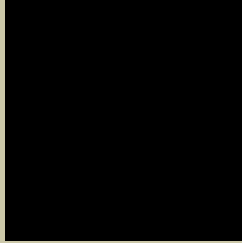
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

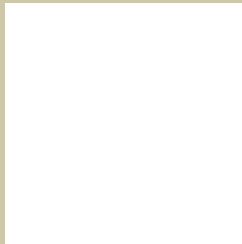
Any Text WCAG AAA ✓ Pass

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

RYB 174, 204, 169 Background



This preview shows how black text looks on a background with the RYB color 174, 204, 169.



This preview shows how white text looks on a background with the RYB color 174, 204, 169.

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
174, 204, 169

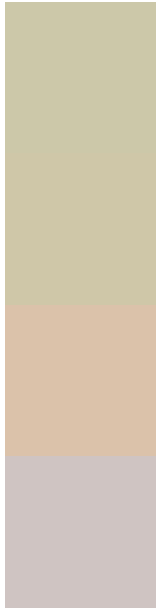
Protanopia
183, 209, 168

Deuteranopia
228, 202, 171



Tritanopia
209, 194, 209

Trichromacy



Original Color

174, 204, 169

Protanomaly

178, 207, 168

Deuteranomaly

219, 217, 170

Tritanomaly

207, 196, 194

Monochromacy



Original Color

174, 204, 169

Achromatopsia

197, 197, 197

Achromatomaly

189, 200, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 204, 169 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, 200, 169) looks like.

```
.text, #text, p{  
    color:rgb(204, 200, 169)  
}
```

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, 200, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 200, 169) }
```

Border

The CSS property to change the border of an element to RYB 174, 204, 169 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, 200, 169) }
```

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

```
.border{ border-color:rgb(204, 200, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 200, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 200, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 200, 169);  
box-shadow:4px 4px 4px 4px rgb(204, 200,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 174, 204, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 200, 169) }
```

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

```
.background{ background-color: rgb(204,  
200, 169) }
```

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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