

Converting Colors

`RYB(205, 220, 173)`

Have a look what the booklet for
RYB(205, 220, 173) contains.

RYB(205, 220, 173)	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(205, 220, 173)

Conversions

Conversions Part 1

Format	Color
Hex	DCC9AD
RGB	220, 201, 173
RGB Percent	86%, 79%, 68%
CMY	0.1373, 0.2119, 0.3216
CMYK	0.00, 0.09, 0.21, 0.14
HSL	36°, 40%, 77%
HSV	36°, 21%, 86%
XYZ	57.9358, 59.9884, 48.0605
YIQ	203.4890, 20.3120, -4.6800

Conversions

Conversions Part 2

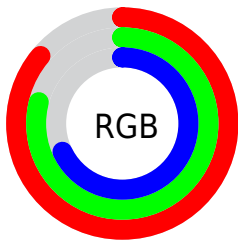
Format	Color
RYB	205, 220, 173
Decimal	14469549
CIELab	81.83, 2.25, 16.40
CIELCh	82, 16.551, 82.177
Yxy	59.9884, 0.3490, 0.3614
Android (android.graphics.Color)	4292659629 (0xFFDCC9AD)
YUV	203.4890, -15.0311, 14.4801
Hunter-Lab	77.4522, -2.0196, 17.4259

Details

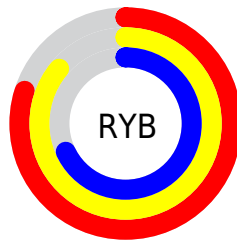
The RYB color **205, 220, 173** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **173, 187, 220**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **228, 255, 228**, and **151, 165, 121** is the 20% darker color. If you saturate the color by 10%, you get **198, 220, 151**, and if you desaturate by 10%, it is **212, 220, 195**.

Distribution



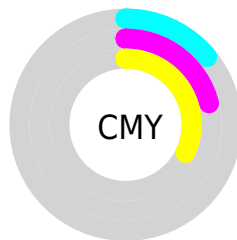
- Red (86%)
- Green (79%)
- Blue (68%)



- Red (80%)
- Yellow (86%)
- Blue (68%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 220, 173 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 205, 220, 173 by changing the saturation by 10% instead.


 205, 220, 173

255, 255, 255

 228, 255, 228


 205, 220, 173

 176, 192, 146


 151, 165, 121

 125, 138, 96

 96, 112, 72

 71, 87, 49

 49, 63, 28

 21, 41, 3

 15, 8, 0

 0, 0, 0

 205, 220, 173

 205, 220, 173

 198, 220, 151


 212, 220, 195

 191, 220, 129


 219, 220, 217

 185, 220, 107


 220, 226, 239

 178, 220, 85


 220, 231, 255

 171, 220, 63

 220, 235, 255

 164, 220, 41

 220, 237, 255

 155, 220, 19

 220, 238, 255

 149, 220, 0

Harmonies

Analogous

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



232, 203, 180



205, 220, 173



175, 206, 178

Triad

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



205, 220, 173



163, 188, 215



220, 196, 223

Complementary

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



205, 220, 173



173, 187, 220

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, 201, 232



205, 220, 173



167, 192, 227

Square

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



205, 220, 173



171, 195, 212



182, 198, 234



232, 193, 208

Rectangle

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



205, 220, 173



180, 209, 198



182, 198, 234



214, 197, 226

Sweetspot

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



205, 220, 173



250, 255, 240



220, 173, 193



126, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



205, 220, 173



235, 255, 189



173, 220, 177



108, 110, 99



118, 173, 0



32, 46, 0

Inverse Universe

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



173, 187, 220



189, 208, 255



177, 173, 220



99, 102, 110



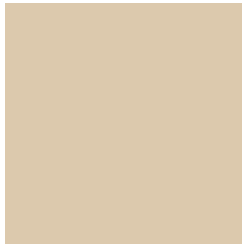
0, 50, 173



0, 13, 46

Previews

White Background



This preview shows how the RYB color 205, 220, 173 looks on a white background.

Color Contrast Check

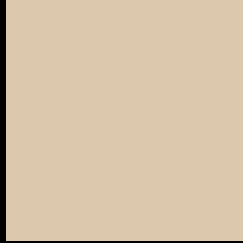
Large Text (above 18pt) WCAG AA × Fail

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 205, 220, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

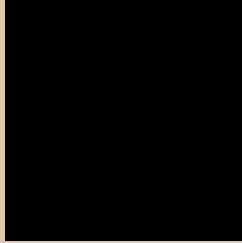
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

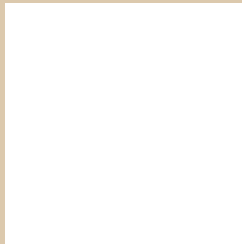
Any Text WCAG AAA ✓ Pass

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

RYB 205, 220, 173 Background



This preview shows how black text looks on a background with the RYB color 205, 220, 173.



This preview shows how white text looks on a background with the RYB color 205, 220, 173.

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
205, 220, 173

Protanopia
189, 214, 174

Deuteranopia
234, 209, 174



Tritanopia
225, 196, 211

Trichromacy



Original Color

205, 220, 173

Protanomaly

195, 216, 174

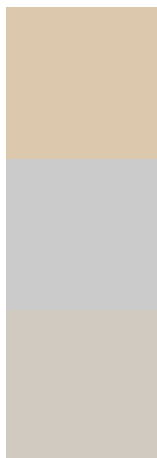
Deuteranomaly

229, 217, 174

Tritanomaly

223, 198, 197

Monochromacy



Original Color

205, 220, 173

Achromatopsia

203, 203, 203

Achromatomaly

204, 209, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 220, 173 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(220, 201, 173) looks like.

```
.text, #text, p{  
    color:rgb(220, 201, 173)  
}
```

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(220, 201, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 201, 173) }
```

Border

The CSS property to change the border of an element to RYB 205, 220, 173 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(220, 201, 173) }
```

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

```
.border{ border-color:rgb(220, 201, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 201, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 201, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 201, 173);  
box-shadow:4px 4px 4px 4px rgb(220, 201,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 220, 201, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 201, 173) }
```

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

```
.background{ background-color: rgb(220,  
201, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor