

Converting Colors

`RYB(205, 219, 175)`

Have a look what the booklet for
RYB(205, 219, 175) contains.

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Color

R_YB(205, 219, 175)

Conversions

Conversions Part 1

Format	Color
Hex	DBC9AF
RGB	219, 201, 175
RGB Percent	86%, 79%, 69%
CMY	0.1412, 0.2111, 0.3137
CMYK	0.00, 0.08, 0.20, 0.14
HSL	36°, 38%, 77%
HSV	36°, 20%, 86%
XYZ	57.8757, 60.0042, 49.0890
YIQ	203.4180, 19.0740, -4.2700

Conversions

Conversions Part 2

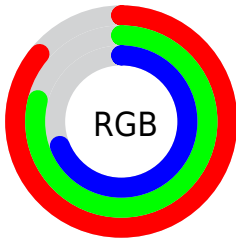
Format	Color
R _Y B	205, 219, 175
Decimal	14404015
CIE Lab	81.84, 2.07, 15.33
CIE LCh	82, 15.472, 82.314
Yxy	60.0042, 0.3466, 0.3594
Android (android.graphics.Color)	4292594095 (0xFFDBC9AF)
YUV	203.4180, -14.0101, 13.6654
Hunter-Lab	77.4623, -2.1934, 16.6507

Details

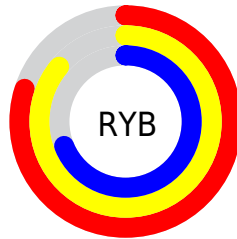
The RYB color **205, 219, 175** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **175, 188, 219**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **231, 255, 231**, and **151, 164, 122** is the 20% darker color. If you saturate the color by 10%, you get **199, 219, 153**, and if you desaturate by 10%, it is **212, 219, 197**.

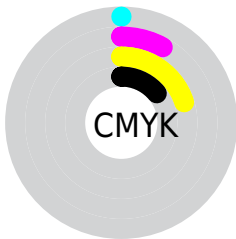
Distribution



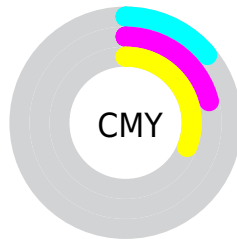
- Red (86%)
- Green (79%)
- Blue (69%)



- Red (80%)
- Yellow (86%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 219, 175 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, 219, 175 by changing the saturation by 10% instead.


 205, 219, 175

255, 255, 255

 231, 255, 231

 205, 219, 175

 176, 191, 148

 151, 164, 122

 122, 137, 98

 97, 111, 74

 74, 87, 51

 49, 63, 30

 22, 41, 6

 15, 8, 0

 0, 0, 0

 205, 219, 175

 205, 219, 175

 199, 219, 153


 212, 219, 197

 192, 219, 131


 219, 219, 219

 182, 219, 109


 219, 225, 241

 176, 219, 87


 219, 231, 255

 170, 219, 66

 219, 234, 255

 163, 219, 44

 219, 237, 255

 157, 219, 22

 219, 237, 255

 150, 219, 0

Harmonies

Analogous

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



230, 205, 181



205, 219, 175



177, 206, 180

Triad

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



205, 219, 175



166, 189, 214



219, 197, 221

Complementary

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



205, 219, 175



175, 188, 219

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.



202, 201, 230



205, 219, 175



170, 193, 226

Square

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



205, 219, 175



173, 196, 212



183, 199, 232



231, 194, 208

Rectangle

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



205, 219, 175



182, 209, 199



183, 199, 232



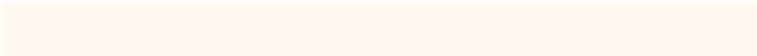
214, 198, 225

Sweetspot

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



205, 219, 175



250, 255, 240



219, 175, 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, 219, 175



236, 255, 194



175, 219, 179



108, 110, 99



118, 173, 0



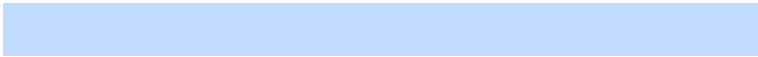
32, 46, 0

Inverse Universe

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



175, 188, 219



194, 212, 255



179, 175, 219



99, 102, 110



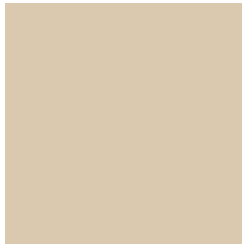
0, 50, 173



0, 13, 46

Previews

White Background



This preview shows how the RYB color 205, 219, 175 looks on a white background.

Color Contrast Check

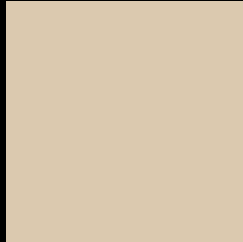
Large Text (above 18pt) WCAG AA × Fail

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, 219, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

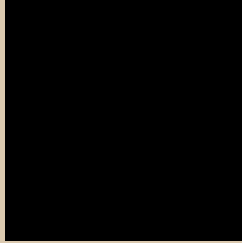
Any Text WCAG AA ✓ Pass

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, 219, 175 Background



This preview shows how black text looks on a background with the RYB color 205, 219, 175.

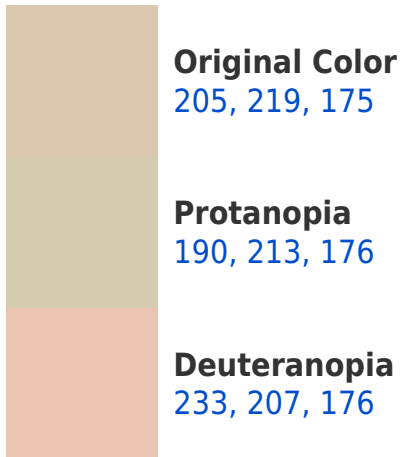



This preview shows how white text looks on a background with the RYB color 205, 219, 175.

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
224, 196, 211

Trichromacy



Original Color

205, 219, 175

Protanomaly

196, 215, 176

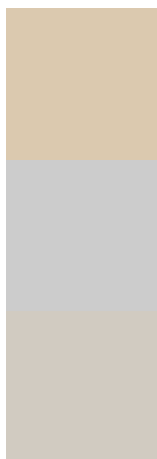
Deuteranomaly

228, 214, 176

Tritanomaly

222, 198, 198

Monochromacy



Original Color

205, 219, 175

Achromatopsia

204, 204, 204

Achromatomaly

203, 209, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 219, 175 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(219, 201, 175) looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 175)  
}
```

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(219, 201, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 175) }
```

Border

The CSS property to change the border of an element to RYB 205, 219, 175 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(219, 201, 175) }
```

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

```
.border{ border-color:rgb(219, 201, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 201, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 175);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 205, 219, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 201, 175) }
```

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

```
.background{ background-color: rgb(219,  
201, 175) }
```

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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