

Converting Colors

RGB(221, 234, 209)

Have a look what the booklet for
RGB(221, 234, 209) contains.

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Color

RGB(221, 234, 209)

Conversions

Conversions Part 1

Format	Color
Hex	DDEAD1
RGB	221, 234, 209
RGB Percent	87%, 92%, 82%
CMY	0.1333, 0.0824, 0.1804
CMYK	0.06, 0.00, 0.11, 0.08
HSL	91°, 37%, 87%
HSV	91°, 11%, 92%
XYZ	70.7502, 78.8212, 71.8067
YIQ	227.2630, 0.2770, -10.5310

Conversions

Conversions Part 2

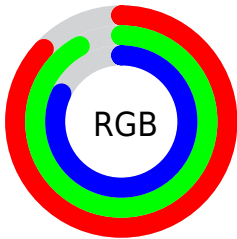
Format	Color
R_{YB}	209, 234, 222
Decimal	14543569
CIE Lab	91.15, -8.73, 10.66
CIE LCh	91, 13.777, 129.304
Yxy	78.8212, 0.3196, 0.3560
Android (android.graphics.Color)	4292733649 (0xFFDDEAD1)
YUV	227.2630, -9.0037, -5.4927
Hunter-Lab	88.7813, -13.1199, 14.1929

Details

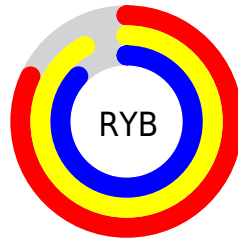
The RGB color **221, 234, 209** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **222, 209, 234**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 178, 155** is the 20% darker color. If you saturate the color by 10%, you get **209, 234, 186**, and if you desaturate by 10%, it is **233, 234, 232**.

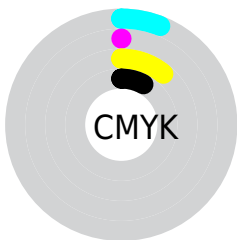
Distribution



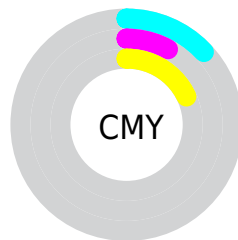
- Red (87%)
- Green (92%)
- Blue (82%)



- Red (82%)
- Yellow (92%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 234, 209 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 RGB color 221, 234, 209 by changing the saturation by 10% instead.

■ 221, 234, 209

255, 255, 255

■ 221, 234, 209

■ 193, 206, 181

■ 166, 178, 155

■ 139, 152, 129

■ 114, 126, 103

■ 89, 101, 79

■ 66, 77, 56

■ 44, 54, 35

■ 23, 33, 14

■ 0, 8, 0

 221, 234, 209

 221, 234, 209

 209, 234, 186

 233, 234, 232

 197, 234, 162


 245, 234, 255


 184, 234, 139


 255, 234, 255

 172, 234, 115

 160, 234, 92

 148, 234, 69

 136, 234, 45

 124, 234, 22

 112, 234, 0

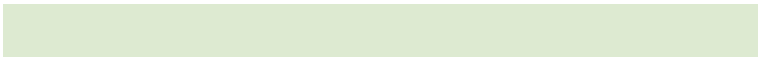
Harmonies

Analogous

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



236, 230, 204



221, 234, 209



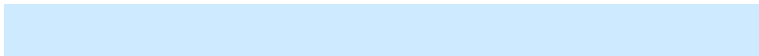
207, 237, 220

Triad

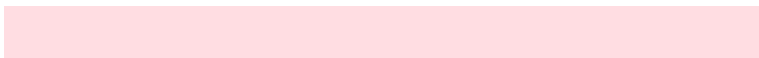
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221, 234, 209



206, 234, 254



255, 221, 226

Complementary

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



221, 234, 209



222, 209, 234

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.



251, 222, 239



221, 234, 209



221, 229, 255

Square

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



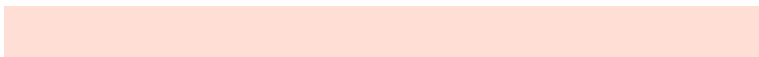
221, 234, 209



197, 236, 246



237, 225, 250



255, 222, 213

Rectangle

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



221, 234, 209



200, 238, 229



237, 225, 250



255, 221, 230

Sweetspot

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



221, 234, 209



251, 255, 247



234, 222, 209



125, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



221, 234, 209



238, 255, 222



209, 234, 209



111, 117, 106



87, 181, 0



26, 54, 0

Inverse Universe

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



222, 209, 234



239, 222, 255



234, 209, 234



112, 106, 117



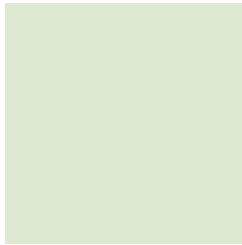
94, 0, 181



28, 0, 54

Previews

White Background



This preview shows how the RGB color 221, 234, 209 looks on a white background.

Color Contrast Check

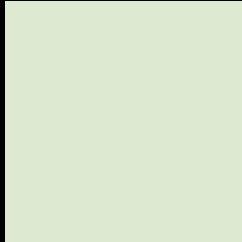
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 221, 234, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

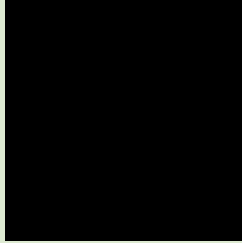
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

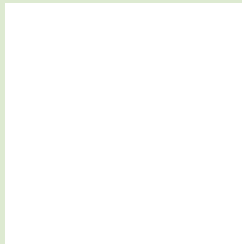
Any Text WCAG AAA ✓ Pass

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

RGB 221, 234, 209 Background



This preview shows how black text looks on a background with the RGB color 221, 234, 209.



This preview shows how white text looks on a background with the RGB color 221, 234, 209.

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

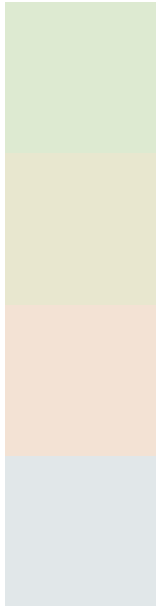




Tritanopia

227, 229, 247

Trichromacy



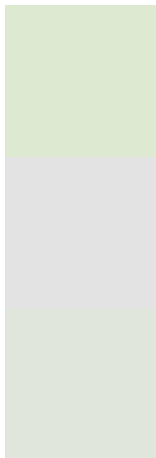
Original Color
221, 234, 209

Protanomaly
232, 231, 207

Deuteranomaly
243, 226, 212

Tritanomaly
225, 231, 233

Monochromacy



Original Color
221, 234, 209

Achromatopsia
227, 227, 227

Achromatomaly
225, 230, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 234, 209 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(221, 234, 209)` looks like.

```
.text, #text, p{  
    color:rgb(221, 234, 209)  
}
```

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(221, 234, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 234, 209) }
```

Border

The CSS property to change the border of an element to RGB 221, 234, 209 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(221, 234, 209) }
```

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

```
.border{ border-color:rgb(221, 234, 209) }
```

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

Here you see how a box with a 4 pixel rgb(221, 234, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 234, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 234, 209);  
box-shadow:4px 4px 4px 4px rgb(221, 234,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 221, 234, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 234, 209) }
```

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

```
.background{ background-color: rgb(221,  
234, 209) }
```

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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