

Converting Colors

RGB(220, 237, 187)

Have a look what the booklet for
RGB(220, 237, 187) contains.

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Color

RGB(220, 237, 187)

Conversions

Conversions Part 1

Format	Color
Hex	DCEDBB
RGB	220, 237, 187
RGB Percent	86%, 93%, 73%
CMY	0.1373, 0.0706, 0.2667
CMYK	0.07, 0.00, 0.21, 0.07
HSL	80°, 58%, 83%
HSV	80°, 21%, 93%
XYZ	68.7690, 79.3719, 58.7095
YIQ	226.2170, 5.9180, -19.1540

Conversions

Conversions Part 2

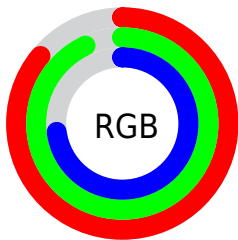
Format	Color
RYB	187, 237, 204
Decimal	14478779
CIELab	91.40, -14.07, 22.39
CIELCh	91, 26.445, 122.143
Yxy	79.3719, 0.3325, 0.3837
Android (android.graphics.Color)	4292668859 (0xFFDCEDBB)
YUV	226.2170, -19.3340, -5.4523
Hunter-Lab	89.0909, -18.1254, 23.2924

Details

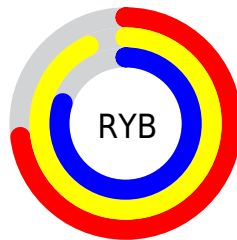
The RGB color **220, 237, 187** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **204, 187, 237**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 243**, and **165, 181, 134** is the 20% darker color. If you saturate the color by 10%, you get **212, 237, 163**, and if you desaturate by 10%, it is **228, 237, 211**.

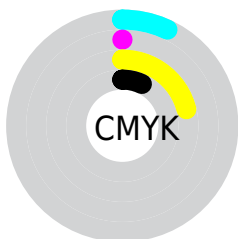
Distribution



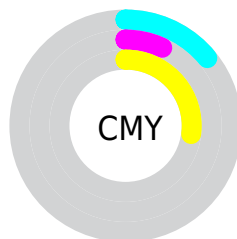
- Red (86%)
- Green (93%)
- Blue (73%)



- Red (73%)
- Yellow (93%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 237, 187 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 220, 237, 187 by changing the saturation by 10% instead.

 220, 237, 187

255, 255, 255

 255, 255, 243


 220, 237, 187

 192, 209, 160


 165, 181, 134


 138, 154, 108

 112, 128, 84

 87, 103, 60

 64, 79, 38

 41, 56, 16

 21, 35, 0

 0, 10, 0

■ 220, 237, 187

■ 220, 237, 187

■ 212, 237, 163

■ 228, 237, 211

■ 204, 237, 140

■ 236, 237, 234

■ 196, 237, 116

■ 244, 237, 255

■ 188, 237, 92

■ 252, 237, 255

■ 180, 237, 68

■ 255, 237, 255

■ 172, 237, 45

■ 164, 237, 21

■ 156, 237, 0

Harmonies

Analogous

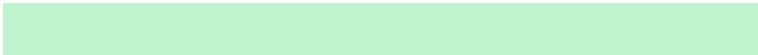
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 229, 180



220, 237, 187



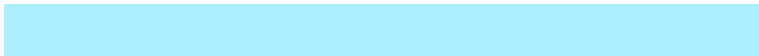
191, 243, 206

Triad

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



220, 237, 187



173, 239, 255



255, 212, 229

Complementary

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



220, 237, 187



204, 187, 237

Split Complementary

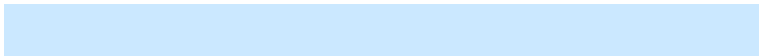
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 216, 255



220, 237, 187



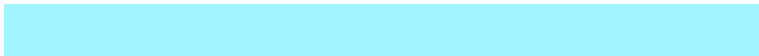
203, 232, 255

Square

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



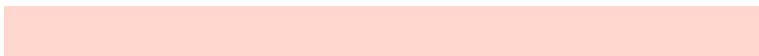
220, 237, 187



160, 244, 255



237, 223, 255



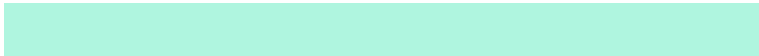
255, 214, 205

Rectangle

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



220, 237, 187



175, 245, 223



237, 223, 255



255, 213, 238

Sweetspot

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



220, 237, 187



250, 255, 240



237, 204, 187



124, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



220, 237, 187



233, 255, 191



195, 237, 187



113, 117, 106



119, 181, 0



35, 54, 0

Inverse Universe

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



204, 187, 237



213, 191, 255



229, 187, 237



110, 106, 117



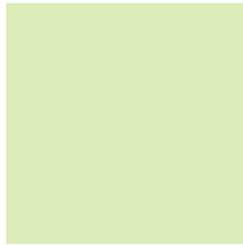
62, 0, 181



18, 0, 54

Previews

White Background



This preview shows how the RGB color 220, 237, 187 looks on a white background.

Color Contrast Check

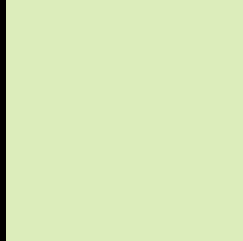
Large Text (above 18pt) WCAG AA × Fail

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 220, 237, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

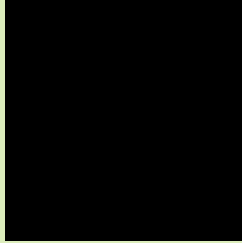
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

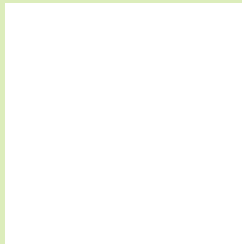
Any Text WCAG AAA ✓ Pass

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

RGB 220, 237, 187 Background



This preview shows how black text looks on a background with the RGB color 220, 237, 187.



This preview shows how white text looks on a background with the RGB color 220, 237, 187.

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](#).

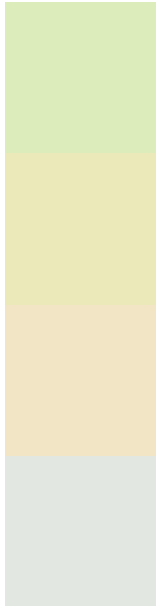
Dichromacy





Tritanopia
229, 229, 247

Trichromacy



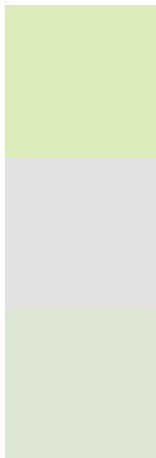
Original Color
220, 237, 187

Protanomaly
235, 233, 185

Deuteranomaly
242, 229, 198

Tritanomaly
226, 232, 225

Monochromacy



Original Color
220, 237, 187

Achromatopsia
226, 226, 226

Achromatomaly
224, 230, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 237, 187 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, 237, 187)` looks like.

```
.text, #text, p{  
    color:rgb(220, 237, 187)  
}
```

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, 237, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 237, 187) }
```

Border

The CSS property to change the border of an element to RGB 220, 237, 187 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, 237, 187) }
```

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

```
.border{ border-color:rgb(220, 237, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 237, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 237, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 237, 187); box-shadow:4px 4px 4px 4px rgb(220, 237, 187) }
```

Background

The CSS property to change the background color of an element to RGB 220, 237, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 237, 187) }
```

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

```
.background{ background-color: rgb(220,  
237, 187) }
```

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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