

Converting Colors

RGB(223, 228, 135)

Have a look what the booklet for
RGB(223, 228, 135) contains.

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Color

RGB(223, 228, 135)

Conversions

Conversions Part 1

Format	Color
Hex	DFE487
RGB	223, 228, 135
RGB Percent	87%, 89%, 53%
CMY	0.1255, 0.1059, 0.4706
CMYK	0.02, 0.00, 0.41, 0.11
HSL	63°, 63%, 71%
HSV	63°, 41%, 89%
XYZ	62.5480, 72.9241, 33.7008
YIQ	215.9030, 26.8730, -29.9830

Conversions

Conversions Part 2

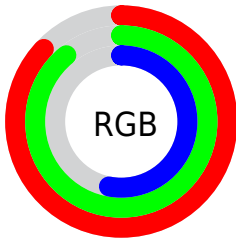
Format	Color
R_{YB}	135, 228, 140
Decimal	14673031
CIE _{Lab}	88.41, -15.14, 44.73
CIE _{LCh}	88, 47.227, 108.703
Yxy	72.9241, 0.3697, 0.4311
Android (android.graphics.Color)	4292863111 (0xFFDFE487)
YUV	215.9030, -39.8852, 6.2241
Hunter-Lab	85.3956, -18.6999, 36.3785

Details

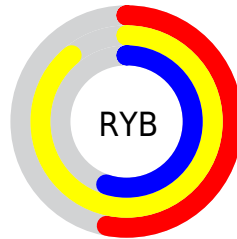
The RGB color **223, 228, 135** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **140, 135, 228**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 190**, and **166, 173, 83** is the 20% darker color. If you saturate the color by 10%, you get **222, 228, 112**, and if you desaturate by 10%, it is **224, 228, 158**.

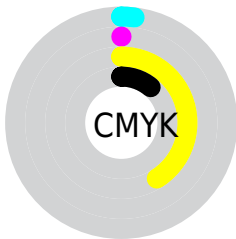
Distribution



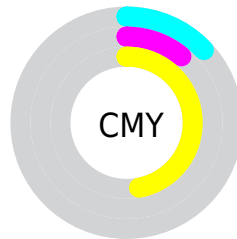
- Red (87%)
- Green (89%)
- Blue (53%)



- Red (53%)
- Yellow (89%)
- Blue (55%)



- Cyan (2%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 228, 135 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 223, 228, 135 by changing the saturation by 10% instead.

 223, 228, 135

255, 255, 255

 255, 255, 190

 255, 255, 218

 255, 255, 247

 223, 228, 135

 194, 200, 109

 166, 173, 83

 139, 146, 58

 112, 121, 32

 86, 96, 1

 61, 72, 0

 37, 50, 0

 8, 29, 0


 0, 0, 0

 223, 228, 135

 223, 228, 135

 222, 228, 112

 224, 228, 158

 221, 228, 89

 225, 228, 181

 219, 228, 67


 227, 228, 203

 218, 228, 44

 228, 228, 226

 217, 228, 21

 229, 228, 249

 216, 228, 0

 230, 228, 255

 232, 228, 255

 233, 228, 255

 234, 228, 255

Harmonies

Analogous

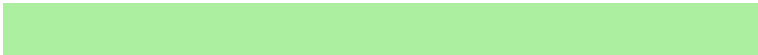
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 213, 133



223, 228, 135



172, 239, 161

Triad

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



223, 228, 135



27, 241, 255



255, 188, 241

Complementary

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



223, 228, 135



140, 135, 228

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, 200, 255



223, 228, 135



124, 231, 255

Square

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



223, 228, 135



33, 246, 249



202, 217, 255



255, 188, 195

Rectangle

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



223, 228, 135



133, 243, 188



202, 217, 255



255, 191, 255

Sweetspot

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



223, 228, 135



253, 255, 224



228, 140, 135



127, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



223, 228, 135



248, 255, 130



177, 228, 135



114, 115, 103



169, 179, 0



48, 51, 0

Inverse Universe

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



140, 135, 228



137, 130, 255



186, 135, 228



104, 103, 115



10, 0, 179



3, 0, 51

Previews

White Background



This preview shows how the RGB color 223, 228, 135 looks on a white background.

Color Contrast Check

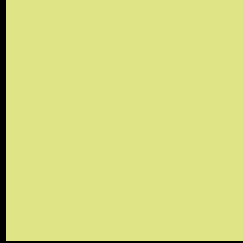
Large Text (above 18pt) WCAG AA × Fail

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 223, 228, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

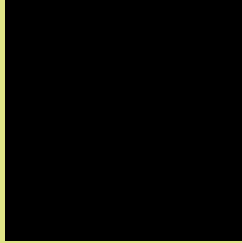
Any Text WCAG AA ✓ Pass

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 223, 228, 135 Background



This preview shows how black text looks on a background with the RGB color 223, 228, 135.

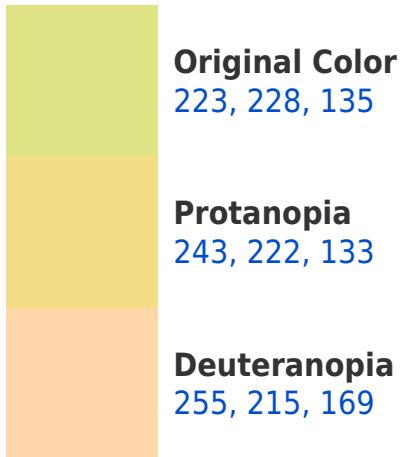


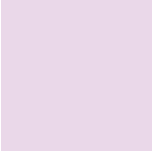
This preview shows how white text looks on a background with the RGB color 223, 228, 135.

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](#).

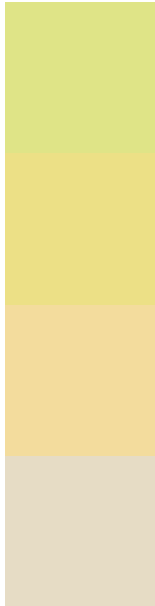
Dichromacy





Tritanopia
234, 216, 233

Trichromacy



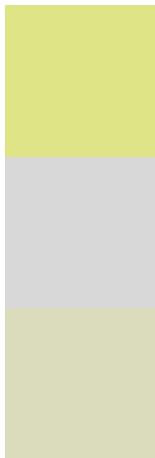
Original Color
223, 228, 135

Protanomaly
236, 224, 134

Deuteranomaly
243, 220, 157

Tritanomaly
230, 220, 197

Monochromacy



Original Color
223, 228, 135

Achromatopsia
216, 216, 216

Achromatomaly
219, 220, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 228, 135 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(223, 228, 135)` looks like.

```
.text, #text, p{  
    color:rgb(223, 228, 135)  
}
```

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(223, 228, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 228, 135) }
```

Border

The CSS property to change the border of an element to RGB 223, 228, 135 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(223, 228, 135) }
```

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

```
.border{ border-color:rgb(223, 228, 135) }
```

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

Here you see how a box with a 4 pixel rgb(223, 228, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 228, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 228, 135);  
box-shadow:4px 4px 4px 4px rgb(223, 228,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 223, 228, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 228, 135) }
```

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

```
.background{ background-color: rgb(223,  
228, 135) }
```

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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