

Converting Colors

RGB(172, 225, 156)

Have a look what the booklet for
RGB(172, 225, 156) contains.

RGB(172, 225, 156)	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

RGB(172, 225, 156)

Conversions

Conversions Part 1

Format	Color
Hex	ACE19C
RGB	172, 225, 156
RGB Percent	67%, 88%, 61%
CMY	0.3255, 0.1176, 0.3882
CMYK	0.24, 0.00, 0.31, 0.12
HSL	106°, 53%, 75%
HSV	106°, 31%, 88%
XYZ	49.9392, 65.0214, 41.3708
YIQ	201.2870, -9.4390, -32.6950

Conversions

Conversions Part 2

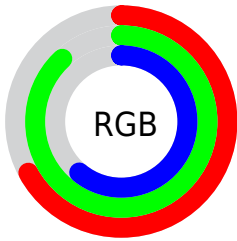
Format	Color
RYB	156, 225, 209
Decimal	11329948
CIELab	84.49, -29.70, 28.41
CIELCh	84, 41.102, 136.276
Yxy	65.0214, 0.3194, 0.4159
Android (android.graphics.Color)	4289520028 (0xFFACE19C)
YUV	201.2870, -22.3265, -25.6847
Hunter-Lab	80.6358, -30.5645, 26.0259

Details

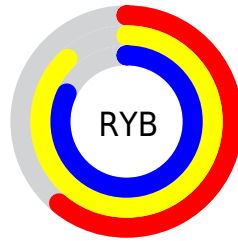
The RGB color **172, 225, 156** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **209, 156, 225**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **228, 255, 211**, and **118, 169, 104** is the 20% darker color. If you saturate the color by 10%, you get **155, 225, 134**, and if you desaturate by 10%, it is **189, 225, 179**.

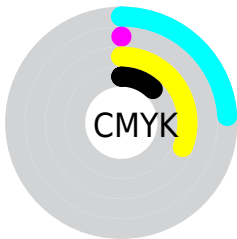
Distribution



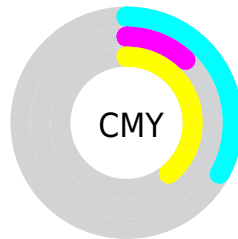
- Red (67%)
- Green (88%)
- Blue (61%)



- Red (61%)
- Yellow (88%)
- Blue (82%)



- Cyan (24%)
- Magenta (0%)
- Yellow (31%)
- Black (12%)



- Cyan (33%)
- Magenta (12%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 225, 156 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 172, 225, 156 by changing the saturation by 10% instead.


 172, 225, 156

255, 255, 255


 228, 255, 211


 255, 255, 239

 172, 225, 156

 145, 197, 130

 118, 169, 104

 92, 143, 79

 67, 117, 56

 42, 92, 33

 15, 68, 9

 0, 45, 0

 0, 24, 0

 0, 0, 0

 172, 225, 156


 172, 225, 156

 155, 225, 134


 189, 225, 179

 137, 225, 111

 207, 225, 201

 120, 225, 89

 224, 225, 224

 103, 225, 66

 241, 225, 246

 86, 225, 44

 255, 225, 255

 68, 225, 21

 52, 225, 0

Harmonies

Analogous

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



216, 215, 135



172, 225, 156



124, 231, 191

Triad

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



172, 225, 156



127, 220, 255



255, 182, 191

Complementary

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



172, 225, 156



209, 156, 225

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, 183, 230



172, 225, 156



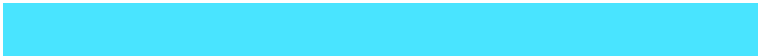
190, 207, 255

Square

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



172, 225, 156



73, 228, 255



242, 193, 255



255, 189, 156

Rectangle

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



172, 225, 156



92, 232, 218



242, 193, 255



255, 181, 204

Sweetspot

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



172, 225, 156



237, 255, 232



225, 209, 156



117, 128, 113



0, 0, 0



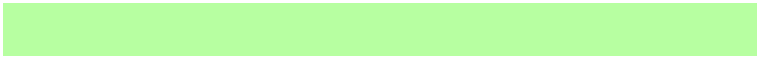
128, 128, 128

Same Dimension

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



172, 225, 156



183, 255, 161



156, 225, 174



104, 112, 101



41, 176, 0



11, 48, 0

Inverse Universe

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



209, 156, 225



233, 161, 255



225, 156, 207



110, 101, 112



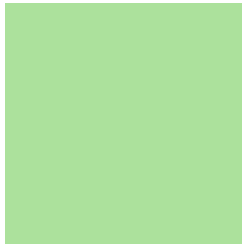
135, 0, 176



37, 0, 48

Previews

White Background



This preview shows how the RGB color 172, 225, 156 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 172, 225, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

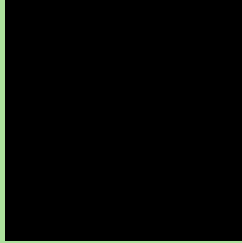
Any Text WCAG AA ✓ Pass

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 172, 225, 156 Background



This preview shows how black text looks on a background with the RGB color 172, 225, 156.

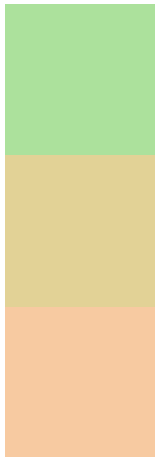


This preview shows how white text looks on a background with the RGB color 172, 225, 156.

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](#).

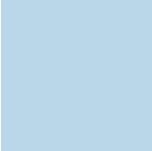
Dichromacy



Original Color
172, 225, 156

Protanopia
226, 210, 150

Deuteranopia
247, 202, 161



Tritanopia
185, 215, 232

Trichromacy



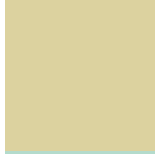
Original Color

172, 225, 156



Protanomaly

206, 215, 152



Deuteranomaly

220, 210, 159



Tritanomaly

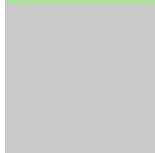
180, 219, 204

Monochromacy



Original Color

172, 225, 156



Achromatopsia

201, 201, 201



Achromatomaly

190, 210, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 225, 156 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(172, 225, 156)` looks like.

```
.text, #text, p{  
    color:rgb(172, 225, 156)  
}
```

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(172, 225, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 225, 156) }
```

Border

The CSS property to change the border of an element to RGB 172, 225, 156 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(172, 225, 156) }
```

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

```
.border{ border-color:rgb(172, 225, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 225, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 225, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 225, 156);  
box-shadow:4px 4px 4px 4px rgb(172, 225,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 172, 225, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 225, 156) }
```

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

```
.background{ background-color: rgb(172,  
225, 156) }
```

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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