

Converting Colors

RGB(178, 232, 172)

Have a look what the booklet for
RGB(178, 232, 172) contains.

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Color

RGB(178, 232, 172)

Conversions

Conversions Part 1

Format	Color
Hex	B2E8AC
RGB	178, 232, 172
RGB Percent	70%, 91%, 67%
CMY	0.3020, 0.0902, 0.3255
CMYK	0.23, 0.00, 0.26, 0.09
HSL	114°, 57%, 79%
HSV	114°, 26%, 91%
XYZ	54.6631, 70.1568, 49.6903
YIQ	209.0140, -12.9240, -30.1080

Conversions

Conversions Part 2

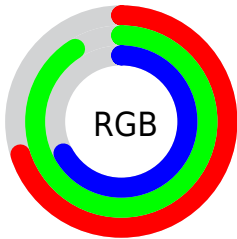
Format	Color
RYB	172, 232, 226
Decimal	11724972
CIELab	87.07, -28.48, 23.73
CIELCh	87, 37.071, 140.195
Yxy	70.1568, 0.3132, 0.4020
Android (android.graphics.Color)	4289915052 (0xFFB2E8AC)
YUV	209.0140, -18.2479, -27.1993
Hunter-Lab	83.7596, -30.0869, 23.4580

Details

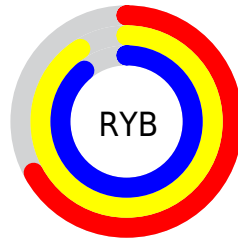
The RGB color **178, 232, 172** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **226, 172, 232**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **235, 255, 228**, and **124, 176, 119** is the 20% darker color. If you saturate the color by 10%, you get **157, 232, 149**, and if you desaturate by 10%, it is **199, 232, 195**.

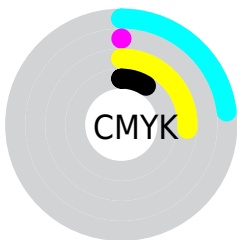
Distribution



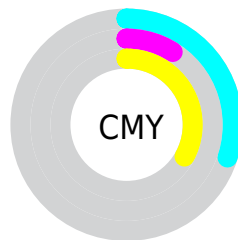
- Red (70%)
- Green (91%)
- Blue (67%)



- Red (67%)
- Yellow (91%)
- Blue (89%)



- Cyan (23%)
- Magenta (0%)
- Yellow (26%)
- Black (9%)



- Cyan (30%)
- Magenta (9%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 232, 172 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 178, 232, 172 by changing the saturation by 10% instead.

 178, 232, 172

255, 255, 255

 235, 255, 228


 178, 232, 172

 151, 204, 145

 124, 176, 119

 98, 149, 94

 73, 123, 70

 48, 98, 47

 22, 74, 25

 0, 51, 0

 0, 32, 0

 0, 0, 0

 178, 232, 172

 178, 232, 172

 157, 232, 149

 199, 232, 195

 136, 232, 126

 220, 232, 218

 115, 232, 102

 241, 232, 242

 94, 232, 79

 255, 232, 255

 74, 232, 56

 53, 232, 33

 32, 232, 10

 23, 232, 0

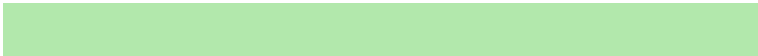
Harmonies

Analogous

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



218, 223, 151



178, 232, 172



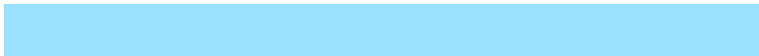
137, 237, 205

Triad

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



178, 232, 172



154, 225, 255



255, 193, 195

Complementary

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



178, 232, 172



226, 172, 232

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, 193, 231



178, 232, 172



207, 213, 255

Square

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



178, 232, 172



111, 233, 255



252, 201, 255



255, 200, 165

Rectangle

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



178, 232, 172



114, 238, 229



252, 201, 255



255, 192, 207

Sweetspot

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



178, 232, 172



237, 255, 235



232, 226, 172



116, 128, 115



0, 0, 0



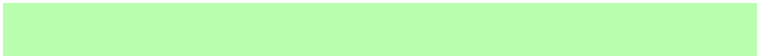
128, 128, 128

Same Dimension

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



178, 232, 172



184, 255, 176



172, 232, 196



104, 115, 103



18, 179, 0



5, 51, 0

Inverse Universe

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



226, 172, 232



247, 176, 255



232, 172, 208



114, 103, 115



161, 0, 179



46, 0, 51

Previews

White Background



This preview shows how the RGB color 178, 232, 172 looks on a white background.

Color Contrast Check

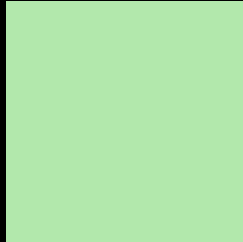
Large Text (above 18pt) WCAG AA × Fail

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 178, 232, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

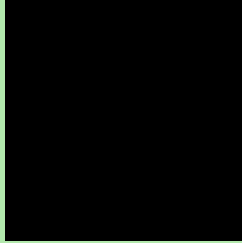
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

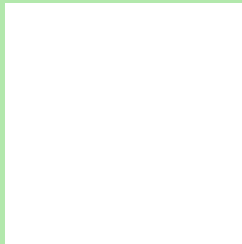
Any Text WCAG AAA ✓ Pass

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

RGB 178, 232, 172 Background



This preview shows how black text looks on a background with the RGB color 178, 232, 172.

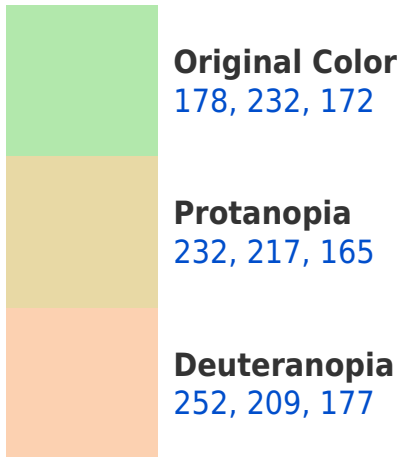


This preview shows how white text looks on a background with the RGB color 178, 232, 172.

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





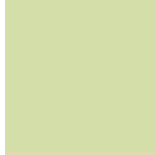
Tritanopia
190, 223, 241

Trichromacy



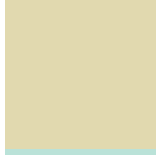
Original Color

178, 232, 172



Protanomaly

212, 222, 168



Deuteranomaly

225, 217, 175



Tritanomaly

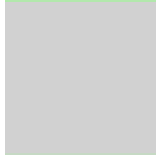
186, 226, 216

Monochromacy



Original Color

178, 232, 172



Achromatopsia

209, 209, 209



Achromatomaly

198, 217, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 232, 172 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(178, 232, 172)` looks like.

```
.text, #text, p{  
    color:rgb(178, 232, 172)  
}
```

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(178, 232, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 232, 172) }
```

Border

The CSS property to change the border of an element to RGB 178, 232, 172 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(178, 232, 172) }
```

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

```
.border{ border-color:rgb(178, 232, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 232, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 232, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 232, 172); box-shadow:4px 4px 4px 4px rgb(178, 232, 172) }
```

Background

The CSS property to change the background color of an element to RGB 178, 232, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 232, 172) }
```

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

```
.background{ background-color: rgb(178,  
232, 172) }
```

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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