Converting Colors

RGB(201, 224, 172)

Have a look what the booklet for RGB(201, 224, 172) contains.

Color

RGB(201, 224, 172)

Conversions

Conversions Part 1

Format	Color
Hex	C9E0AC
RGB	201, 224, 172
RGB Percent	79%, 88%, 67%
CMY	0.2118, 0.1216, 0.3255
CMYK	0.10, 0.00, 0.23, 0.12
HSL	87°, 46%, 78%
HSV	87°, 23%, 88%
XYZ	58.1894, 68.7074, 49.2247
YIQ	211.1950, 2.9840, -21.0480

Conversions

Conversions Part 2

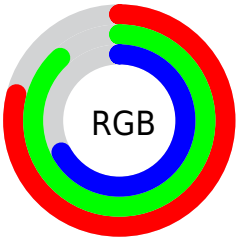
Format	Color
RYB	172, 224, 195
Decimal	13230252
CIELab	86.36, -16.64, 22.98
CIELCh	86, 28.376, 125.910
Yxy	68.7074, 0.3304, 0.3901
Android (android.graphics.Color)	4291420332 (0xFFC9E0AC)
YUV	211.1950, -19.3231, -8.9410
Hunter-Lab	82.8899, -19.7488, 22.8132

Details

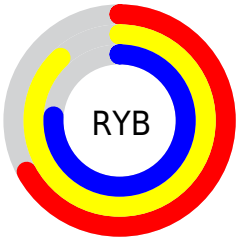
The RGB color 201, 224, 172 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 195, 172, 224, and the grayscale version is 211, 211, 211.

A 20% lighter version of the original color is 255, 255, 228, and 147, 169, 119 is the 20% darker color. If you saturate the color by 10%, you get 191, 224, 150, and if you desaturate by 10%, it is 211, 224, 194.

Distribution

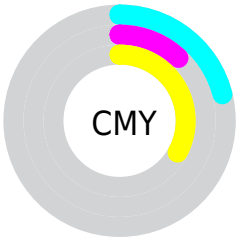


- Red (79%)
- Green (88%)
- Blue (67%)



- Red (67%)
- Yellow (88%)
- Blue (76%)

- Cyan (10%)
- Magenta (0%)
- Yellow (23%)
- Black (12%)



- Cyan (21%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 224, 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 201, 224, 172 by changing the saturation by 10% instead.

201, 224, 172

255, 255, 255

255, 255, 228

201, 224, 172

173, 196, 145

147, 169, 119

121, 142, 94

95, 117, 70

71, 92, 47

48, 68, 26

26, 46, 1

0, 27, 0

0, 0, 0

201, 224, 172

191, 224, 150

181, 224, 127

171, 224, 105

161, 224, 82

151, 224, 60

142, 224, 38

132, 224, 15

125, 224, 0

201, 224, 172

211, 224, 194

221, 224, 217

231, 224, 239

241, 224, 255

251, 224, 255

255, 224, 255

Harmonies

Analogous

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

231, 216, 163

201, 224, 172

170, 229, 193

Triad

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

201, 224, 172

157, 225, 255

255, 197, 212

Complementary

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

201, 224, 172

195, 172, 224

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, 239

201, 224, 172

191, 217, 255

Square

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

201, 224, 172

139, 230, 247

227, 207, 255

255, 200, 186

Rectangle

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

201, 224, 172

153, 231, 211

227, 207, 255

255, 197, 221

Sweetspot

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

201, 224, 172

247, 255, 237

224, 195, 172

123, 128, 117

0, 0, 0

128, 128, 128

Same Dimension

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

201, 224, 172

223, 255, 184

175, 224, 172

107, 112, 101

98, 176, 0

27, 48, 0

Inverse Universe

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

195, 172, 224

215, 184, 255

221, 172, 224

106, 101, 112

78, 0, 176

21, 0, 48

Previews

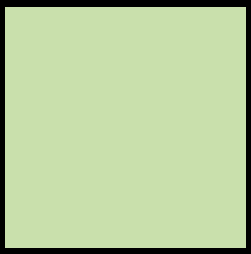
White Background

This preview shows how the RGB color 201, 224, 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



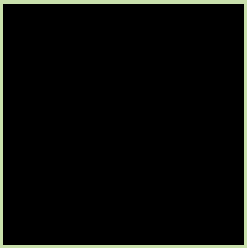
This preview shows how the RGB color 201, 224, 172 looks on a black background.

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 201, 224, 172 Background



This preview shows how black text looks on a background with the RGB color 201, 224, 172.

This preview shows how white text looks on a background with the RGB color 201, 224, 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

Original Color
201, 224, 172

Protanopia
230, 215, 168

Deuteranopia
250, 207, 175

Tritanopia
210, 216, 233

Trichromacy

Original Color
201, 224, 172

Protanomaly
219, 218, 169

Deuteranomaly
232, 213, 174

Tritanomaly
207, 219, 211

Monochromacy

Original Color
201, 224, 172

Achromatopsia
211, 211, 211

Achromatomaly
207, 216, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 224, 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(201, 224, 172) looks like.

```
.text, #text, p{
    color:rgb(201, 224, 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(201, 224, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 224, 172) }
```

Border

The CSS property to change the border of an element to RGB 201, 224, 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(201, 224, 172) }
```

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

```
.border{ border-color:rgb(201, 224, 172) }
```

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

Here you see how a box with a 4 pixel rgb(201, 224, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 224, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 224, 172); box-shadow:4px 4px 4px 4px rgb(201, 224, 172) }
```

Background

The CSS property to change the background color of an element to RGB 201, 224, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(201, 224, 172) }
```

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

```
.background{ background-color:rgb(201,
224, 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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