

Converting Colors

`RYB(172, 225, 201)`

Have a look what the booklet for
RYB(172, 225, 201) contains.

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Color

R_YB(172, 225, 201)

Conversions

Conversions Part 1

Format	Color
Hex	C4E1AC
RGB	196, 225, 172
RGB Percent	77%, 88%, 67%
CMY	0.2314, 0.1176, 0.3255
CMYK	0.13, 0.00, 0.24, 0.12
HSL	93°, 47%, 78%
HSV	93°, 24%, 88%
XYZ	57.1366, 68.5647, 49.2526
YIQ	210.2870, -0.2710, -22.6310

Conversions

Conversions Part 2

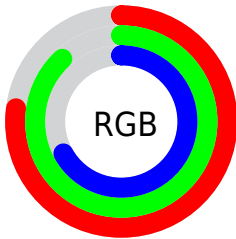
Format	Color
RYB	172, 225, 201
Decimal	12902828
CIELab	86.29, -18.91, 22.83
CIELCh	86, 29.648, 129.639
Yxy	68.5647, 0.3266, 0.3919
Android (android.graphics.Color)	4291092908 (0xFFC4E1AC)
YUV	210.2870, -18.8755, -12.5297
Hunter-Lab	82.8038, -21.7376, 22.6963

Details

The RYB color **172, 225, 201** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **201, 172, 225**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **228, 255, 230**, and **119, 170, 147** is the 20% darker color. If you saturate the color by 10%, you get **150, 225, 191**, and if you desaturate by 10%, it is **195, 225, 212**.

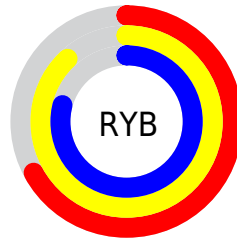
Distribution



Red (77%)

Green (88%)

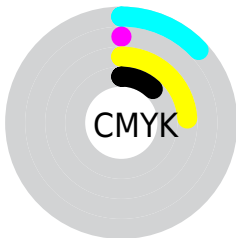
Blue (67%)



Red (67%)

Yellow (88%)

Blue (79%)

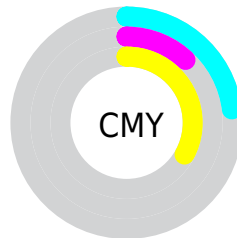


Cyan (13%)

Magenta (0%)

Yellow (24%)

Black (12%)



Cyan (23%)

Magenta (12%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 225, 201 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 RYB color 172, 225, 201 by changing the saturation by 10% instead.

 172, 225, 201


255, 255, 255


 228, 255, 230

 172, 225, 201

 145, 197, 173

 119, 170, 147

 94, 143, 121

 70, 117, 96

 47, 93, 73

 26, 69, 52

 1, 46, 25

 0, 27, 27

 0, 0, 0

 172, 225, 201

 172, 225, 201

 150, 225, 191

 195, 225, 212

 127, 225, 181

 217, 225, 221

 105, 225, 171

 233, 225, 240

 82, 225, 160

 245, 225, 255

 60, 225, 151

 255, 225, 255

 37, 225, 140

 15, 225, 130

 0, 225, 123

Harmonies

Analogous

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



172, 227, 160



172, 225, 201



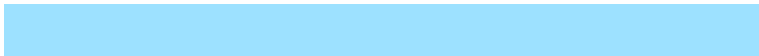
164, 209, 230

Triad

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



172, 225, 201



157, 197, 255



255, 196, 208

Complementary

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



172, 225, 201



201, 172, 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, 198, 236



172, 225, 201



194, 210, 255

Square

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



172, 225, 201



135, 187, 251



232, 206, 255



255, 205, 181

Rectangle

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



172, 225, 201



146, 194, 232



232, 206, 255



255, 196, 217

Sweetspot

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



172, 225, 201



237, 255, 247



219, 225, 172



117, 128, 123



0, 0, 0



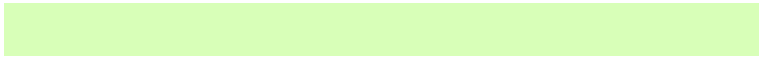
128, 128, 128

Same Dimension

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



172, 225, 201



184, 255, 223



172, 223, 225



101, 112, 107



0, 176, 96



0, 48, 26

Inverse Universe

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



201, 172, 225



223, 184, 255



225, 172, 223



107, 101, 112



96, 0, 176



27, 0, 48

Previews

White Background



This preview shows how the RYB color 172, 225, 201 looks on a white background.

Color Contrast Check

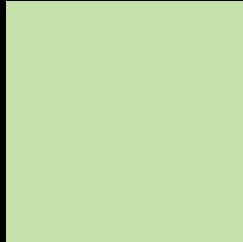
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 172, 225, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

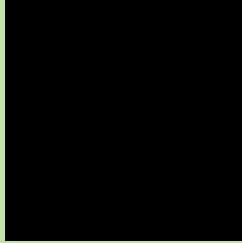
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

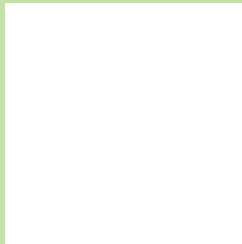
Any Text WCAG AAA ✓ Pass

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

RYB 172, 225, 201 Background



This preview shows how black text looks on a background with the RYB color 172, 225, 201.



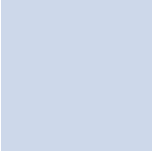
This preview shows how white text looks on a background with the RYB color 172, 225, 201.

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](#).

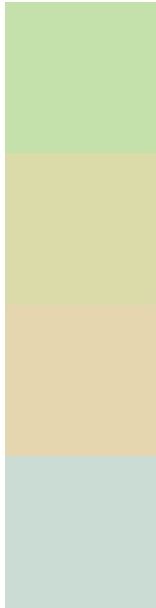
Dichromacy





Tritanopia
205, 213, 234

Trichromacy



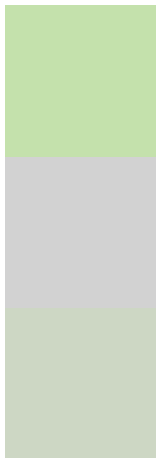
Original Color
172, 225, 201

Protanomaly
169, 219, 170

Deuteranomaly
198, 230, 175

Tritanomaly
202, 214, 220

Monochromacy



Original Color
172, 225, 201

Achromatopsia
210, 210, 210

Achromatomaly
196, 215, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 225, 201 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(196, 225, 172)` looks like.

```
.text, #text, p{  
    color:rgb(196, 225, 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(196, 225, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 225, 172) }
```

Border

The CSS property to change the border of an element to RYB 172, 225, 201 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(196, 225, 172) }
```

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

```
.border{ border-color:rgb(196, 225, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 225, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 225, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 225, 172);  
box-shadow:4px 4px 4px 4px rgb(196, 225,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 172, 225, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 225, 172) }
```

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

```
.background{ background-color: rgb(196,  
225, 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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