

Converting Colors

`RYB(164, 220, 174)`

Have a look what the booklet for
RYB(164, 220, 174) contains.

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Color

R_YB(164, 220, 174)

Conversions

Conversions Part 1

Format	Color
Hex	D2DCA4
RGB	210, 220, 164
RGB Percent	82%, 86%, 64%
CMY	0.1765, 0.1373, 0.3569
CMYK	0.05, 0.00, 0.25, 0.14
HSL	71°, 44%, 75%
HSV	71°, 25%, 86%
XYZ	58.8724, 67.5684, 45.0611
YIQ	210.6260, 12.0160, -19.5360

Conversions

Conversions Part 2

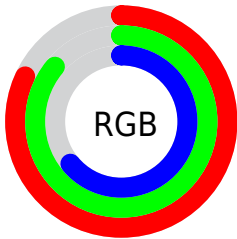
Format	Color
RYB	164, 220, 174
Decimal	13819044
CIELab	85.79, -12.54, 26.46
CIELCh	86, 29.278, 115.353
Yxy	67.5684, 0.3433, 0.3940
Android (android.graphics.Color)	4292009124 (0xFFD2DCA4)
YUV	210.6260, -22.9866, -0.5490
Hunter-Lab	82.2000, -16.0066, 25.0379

Details

The RYB color **164, 220, 174** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **174, 164, 220**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **219, 255, 219**, and **112, 165, 122** is the 20% darker color. If you saturate the color by 10%, you get **142, 220, 156**, and if you desaturate by 10%, it is **186, 220, 192**.

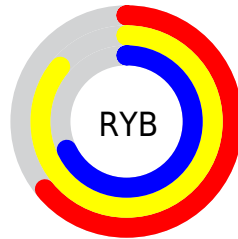
Distribution



Red (82%)

Green (86%)

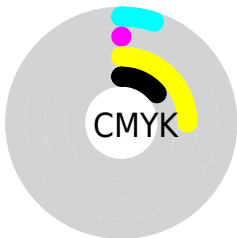
Blue (64%)



Red (64%)

Yellow (86%)

Blue (68%)

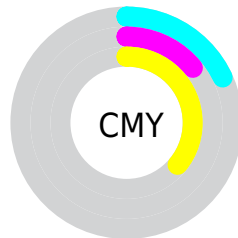


Cyan (5%)

Magenta (0%)

Yellow (25%)

Black (14%)



Cyan (18%)

Magenta (14%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 220, 174 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 164, 220, 174 by changing the saturation by 10% instead.


 164, 220, 174


255, 255, 255


 219, 255, 219


 248, 255, 248

 164, 220, 174

 137, 192, 147

 112, 165, 122

 87, 139, 97

 63, 113, 73

 40, 89, 51

 18, 65, 28

 0, 43, 9

 0, 24, 24

 0, 0, 0

 164, 220, 174

 164, 220, 174

 142, 220, 156

 186, 220, 192

 120, 220, 138

 208, 220, 210

 98, 220, 120

 222, 220, 230

 76, 220, 102

 226, 220, 252

 54, 220, 84

 230, 220, 255

 32, 220, 66

 234, 220, 255

 10, 220, 48

 238, 220, 255

 0, 220, 39

 241, 220, 255

 245, 220, 255

Harmonies

Analogous

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



203, 239, 160



164, 220, 174



178, 223, 227

Triad

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



164, 220, 174



143, 191, 255



255, 195, 220

Complementary

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



164, 220, 174



174, 164, 220

Split Complementary

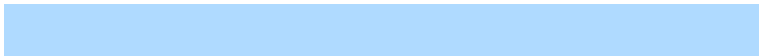
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246, 200, 246



164, 220, 174



175, 203, 255

Square

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



164, 220, 174



134, 184, 237



213, 209, 255



255, 196, 192

Rectangle

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



164, 220, 174



158, 203, 229



213, 209, 255



255, 196, 229

Sweetspot

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



164, 220, 174



235, 255, 239



220, 175, 164



115, 128, 118



0, 0, 0



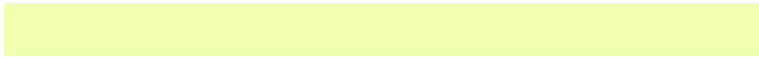
128, 128, 128

Same Dimension

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



164, 220, 174



176, 255, 190



164, 220, 201



99, 110, 101



0, 173, 31



0, 46, 8

Inverse Universe

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



174, 164, 220



190, 176, 255



201, 164, 220



101, 99, 110



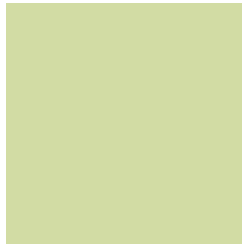
31, 0, 173



8, 0, 46

Previews

White Background



This preview shows how the RYB color 164, 220, 174 looks on a white background.

Color Contrast Check

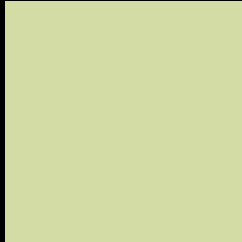
Large Text (above 18pt) WCAG AA × Fail

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 164, 220, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

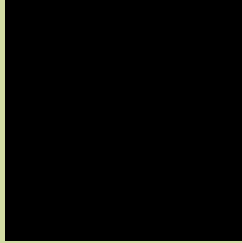
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

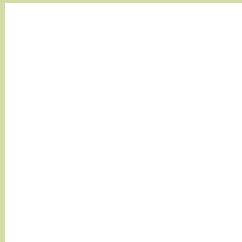
Any Text WCAG AAA ✓ Pass

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

RYB 164, 220, 174 Background



This preview shows how black text looks on a background with the RYB color 164, 220, 174.



This preview shows how white text looks on a background with the RYB color 164, 220, 174.

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
164, 220, 174

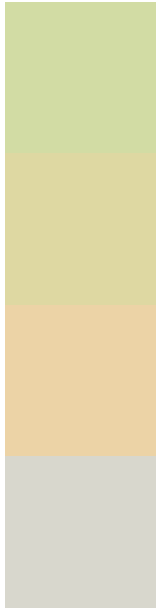
Protanopia
180, 229, 161

Deuteranopia
251, 240, 167



Tritanopia
219, 212, 228

Trichromacy



Original Color
164, 220, 174

Protanomaly
169, 222, 162

Deuteranomaly
205, 236, 166

Tritanomaly
206, 216, 205

Monochromacy



Original Color
164, 220, 174

Achromatopsia
211, 211, 211

Achromatomaly
194, 214, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 220, 174 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(210, 220, 164)` looks like.

```
.text, #text, p{  
    color:rgb(210, 220, 164)  
}
```

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(210, 220, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 220, 164) }
```

Border

The CSS property to change the border of an element to RYB 164, 220, 174 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(210, 220, 164) }
```

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

```
.border{ border-color:rgb(210, 220, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 220, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 220, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 220, 164);  
box-shadow:4px 4px 4px 4px rgb(210, 220,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 164, 220, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 220, 164) }
```

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

```
.background{ background-color: rgb(210,  
220, 164) }
```

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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