

Converting Colors

`RYB(204, 241, 196)`

Have a look what the booklet for
RYB(204, 241, 196) contains.

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Color

R_YB(204, 241, 196)

Conversions

Conversions Part 1

Format	Color
Hex	F1EAC4
RGB	241, 234, 196
RGB Percent	95%, 92%, 77%
CMY	0.0549, 0.0815, 0.2314
CMYK	0.00, 0.03, 0.19, 0.05
HSL	51°, 62%, 86%
HSV	51°, 19%, 95%
XYZ	75.7214, 81.6502, 63.9937
YIQ	231.7610, 16.3700, -10.3340

Conversions

Conversions Part 2

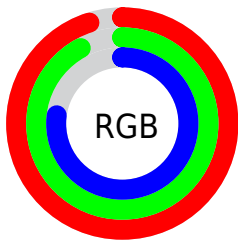
Format	Color
RYB	204, 241, 196
Decimal	15854276
CIELab	92.42, -3.81, 19.40
CIElCh	92, 19.774, 101.121
Yxy	81.6502, 0.3421, 0.3688
Android (android.graphics.Color)	4294044356 (0xFFFF1EAC4)
YUV	231.7610, -17.6302, 8.1026
Hunter-Lab	90.3605, -8.5493, 21.2629

Details

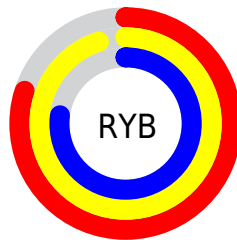
The RYB color **204, 241, 196** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **196, 202, 241**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **253, 255, 253**, and **150, 185, 142** is the 20% darker color. If you saturate the color by 10%, you get **184, 241, 172**, and if you desaturate by 10%, it is **224, 241, 220**.

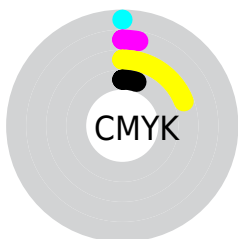
Distribution



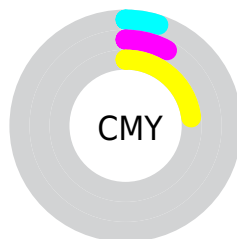
- Red (95%)
- Green (92%)
- Blue (77%)



- Red (80%)
- Yellow (95%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 241, 196 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 204, 241, 196 by changing the saturation by 10% instead.

 204, 241, 196


255, 255, 255

253, 255, 253


 204, 241, 196

 176, 212, 169

 149, 185, 142

 122, 157, 116

 98, 131, 92

 74, 106, 68

 50, 81, 45

 27, 57, 24

 3, 36, 0

 0, 11, 7

■ 204, 241, 196

■ 204, 241, 196

■ 184, 241, 172

■ 224, 241, 220

■ 164, 241, 148

■ 241, 241, 244

■ 145, 241, 124

■ 241, 244, 255

■ 125, 241, 100

■ 241, 246, 255

■ 105, 241, 76

■ 241, 247, 255

■ 85, 241, 51

■ 241, 248, 255

■ 65, 241, 27

■ 45, 241, 3

■ 42, 241, 0

Harmonies

Analogous

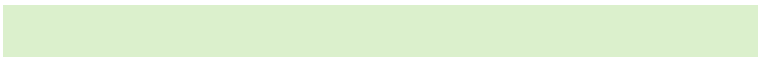
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 255, 198



204, 241, 196



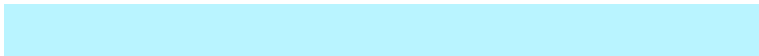
204, 240, 225

Triad

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



204, 241, 196



185, 217, 255



255, 221, 246

Complementary

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



204, 241, 196



196, 202, 241

Split Complementary

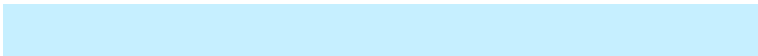
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246, 226, 255



204, 241, 196



198, 222, 255

Square

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



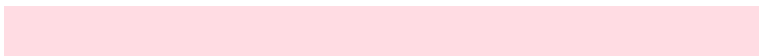
204, 241, 196



186, 216, 244



221, 229, 255



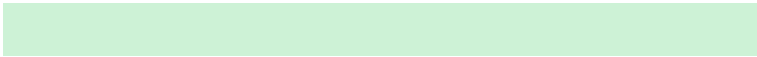
255, 220, 227

Rectangle

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



204, 241, 196



205, 235, 242



221, 229, 255



255, 223, 252

Sweetspot

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



204, 241, 196



242, 255, 240



241, 196, 203



122, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



204, 241, 196



208, 255, 199



196, 241, 211



110, 120, 108



33, 184, 0



9, 56, 0

Inverse Universe

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



196, 202, 241



199, 206, 255



211, 196, 241



108, 110, 120



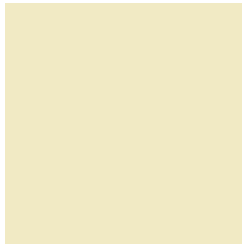
0, 24, 184



0, 7, 56

Previews

White Background



This preview shows how the RYB color 204, 241, 196 looks on a white background.

Color Contrast Check

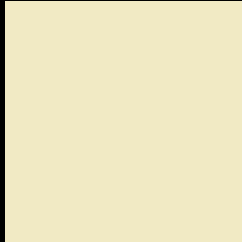
Large Text (above 18pt) WCAG AA × Fail

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 204, 241, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

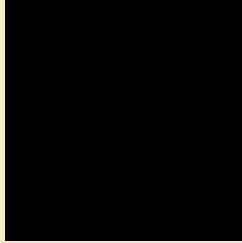
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

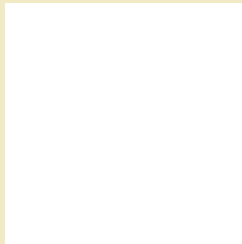
Any Text WCAG AAA ✓ Pass

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

RYB 204, 241, 196 Background



This preview shows how black text looks on a background with the RYB color 204, 241, 196.

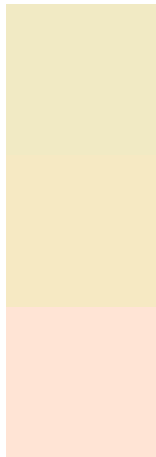


This preview shows how white text looks on a background with the RYB color 204, 241, 196.

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
204, 241, 196

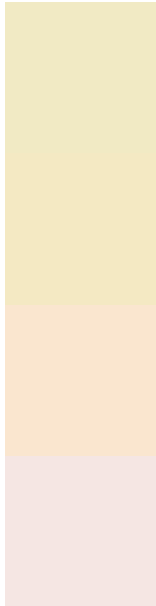
Protanopia
212, 246, 195

Deuteranopia
255, 236, 213



Tritanopia
248, 227, 245

Trichromacy



Original Color

204, 241, 196

Protanomaly

209, 244, 195

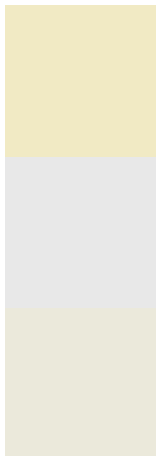
Deuteranomaly

244, 250, 207

Tritanomaly

245, 231, 227

Monochromacy



Original Color

204, 241, 196

Achromatopsia

232, 232, 232

Achromatomaly

221, 235, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 241, 196 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(241, 234, 196) looks like.

```
.text, #text, p{  
    color:rgb(241, 234, 196)  
}
```

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(241, 234, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 234, 196) }
```

Border

The CSS property to change the border of an element to RYB 204, 241, 196 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(241, 234, 196) }
```

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

```
.border{ border-color:rgb(241, 234, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 234, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 234, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 234, 196);  
box-shadow:4px 4px 4px 4px rgb(241, 234,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 204, 241, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 234, 196) }
```

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

```
.background{ background-color: rgb(241,  
234, 196) }
```

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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