

Converting Colors

`RYB(228, 241, 164)`

Have a look what the booklet for
RYB(228, 241, 164) contains.

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Color

R_YB(228, 241, 164)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1CEA4 |
| RGB | 241, 206, 164 |
| RGB Percent | 95%, 81%, 64% |
| CMY | 0.0549, 0.1920, 0.3569 |
| CMYK | 0.00, 0.15, 0.32, 0.05 |
| HSL | 33°, 73%, 79% |
| HSV | 33°, 32%, 95% |
| XYZ | 65.0597, 65.5476, 44.3449 |
| YIQ | 211.6770, 34.3420, -5.6420 |

Conversions

Conversions Part 2

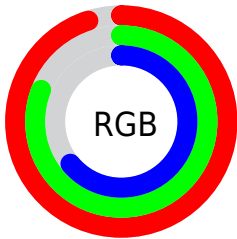
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 228, 241, 164 |
| Decimal | 15847076 |
| CIE _{Lab} | 84.77, 6.32, 25.48 |
| CIE _{LCh} | 85, 26.256, 76.075 |
| Y _{xy} | 65.5476, 0.3719, 0.3747 |
| Android (android.graphics.Color) | 4294037156 (0xFFFF1CEA4) |
| Y _{UV} | 211.6770, -23.5048, 25.7163 |
| Hunter-Lab | 80.9615, 1.7580, 24.1982 |

Details

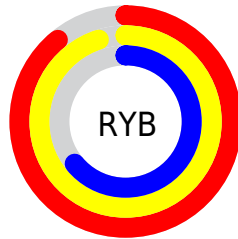
The RYB color **228, 241, 164** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **164, 188, 241**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **219, 255, 219**, and **170, 184, 112** is the 20% darker color. If you saturate the color by 10%, you get **224, 241, 140**, and if you desaturate by 10%, it is **232, 241, 188**.

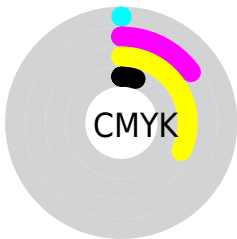
Distribution



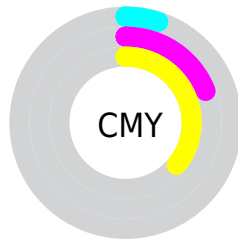
- Red (95%)
- Green (81%)
- Blue (64%)



- Red (89%)
- Yellow (95%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (32%)
- Black (5%)



- Cyan (5%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 241, 164 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 228, 241, 164 by changing the saturation by 10% instead.

 228, 241, 164


255, 255, 255


 219, 255, 219


 248, 255, 248

 228, 241, 164

 198, 212, 138

 170, 184, 112

 140, 156, 87

 113, 129, 64

 86, 103, 41

 59, 78, 19

 34, 54, 0

 30, 20, 0

 0, 0, 0

 228, 241, 164

 228, 241, 164

 224, 241, 140


 232, 241, 188

 221, 241, 116

 236, 241, 212

 217, 241, 92

 239, 241, 236

 213, 241, 68

 241, 246, 255

 210, 241, 44

 241, 248, 255

 204, 241, 19

 199, 241, 0

Harmonies

Analogous

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



255, 206, 177



228, 241, 164



166, 216, 164

Triad

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



228, 241, 164



144, 186, 226



232, 201, 246

Complementary

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



228, 241, 164



164, 188, 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.



200, 208, 255



228, 241, 164



145, 189, 246

Square

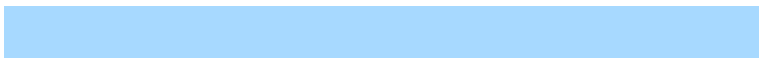
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228, 241, 164



161, 201, 225



167, 199, 255



254, 195, 224

Rectangle

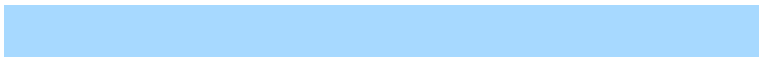
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228, 241, 164



171, 219, 192



167, 199, 255



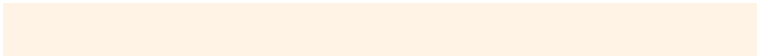
222, 204, 252

Sweetspot

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



228, 241, 164



253, 255, 230



241, 164, 200



124, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



228, 241, 164



239, 255, 158



164, 241, 167



120, 120, 108



155, 184, 0



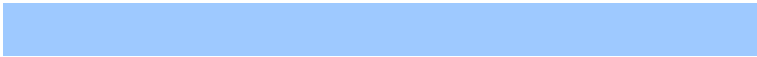
45, 56, 0

Inverse Universe

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



164, 188, 241



158, 188, 255



167, 164, 241



108, 112, 120



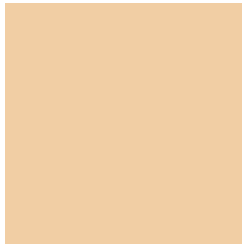
0, 57, 184



0, 17, 56

Previews

White Background



This preview shows how the RYB color 228, 241, 164 looks on a white background.

Color Contrast Check

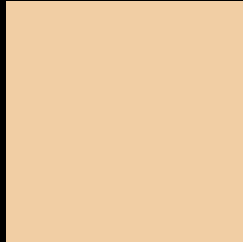
Large Text (above 18pt) WCAG AA × Fail

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 228, 241, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

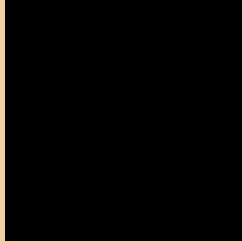
Any Text WCAG AA ✓ Pass

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 228, 241, 164 Background



This preview shows how black text looks on a background with the RYB color 228, 241, 164.




This preview shows how white text looks on a background with the RYB color 228, 241, 164.

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 228, 241, 164 |
|  | Protanopia 184, 225, 166 |
|  | Deuteranopia 248, 235, 165 |



Tritanopia
247, 199, 215

Trichromacy



Original Color

228, 241, 164

Protanomaly

198, 231, 165

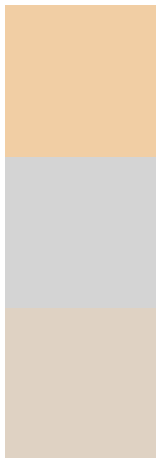
Deuteranomaly

245, 241, 165

Tritanomaly

245, 203, 196

Monochromacy



Original Color

228, 241, 164

Achromatopsia

212, 212, 212

Achromatomaly

219, 223, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 241, 164 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, 206, 164)` looks like.

```
.text, #text, p{  
    color:rgb(241, 206, 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(241, 206, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 206, 164) }
```

Border

The CSS property to change the border of an element to RYB 228, 241, 164 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, 206, 164) }
```

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

```
.border{ border-color:rgb(241, 206, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 206, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 206, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 206, 164); box-shadow:4px 4px 4px 4px rgb(241, 206, 164) }
```

Background

The CSS property to change the background color of an element to RYB 228, 241, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 206, 164) }
```

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

```
.background{ background-color: rgb(241,  
206, 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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