

Converting Colors

`RYB(204, 225, 137)`

Have a look what the booklet for
RYB(204, 225, 137) contains.

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Color

R_YB(204, 225, 137)

Conversions

Conversions Part 1

Format	Color
Hex	E1BB89
RGB	225, 187, 137
RGB Percent	88%, 73%, 54%
CMY	0.1176, 0.2668, 0.4627
CMYK	0.00, 0.17, 0.39, 0.12
HSL	34°, 59%, 71%
HSV	34°, 39%, 88%
XYZ	53.3288, 53.3379, 31.1514
YIQ	192.6620, 38.6980, -7.4940

Conversions

Conversions Part 2

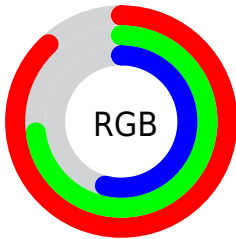
Format	Color
RYB	204, 225, 137
Decimal	14793609
CIELab	78.07, 6.90, 30.41
CIELCh	78, 31.184, 77.214
Yxy	53.3379, 0.3870, 0.3870
Android (android.graphics.Color)	4292983689 (0xFFE1BB89)
YUV	192.6620, -27.4414, 28.3604
Hunter-Lab	73.0328, 2.5339, 25.8334

Details

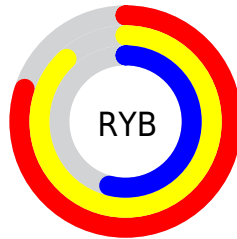
The RYB color **204, 225, 137** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **137, 164, 225**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **206, 255, 191**, and **144, 168, 86** is the 20% darker color. If you saturate the color by 10%, you get **199, 225, 114**, and if you desaturate by 10%, it is **209, 225, 160**.

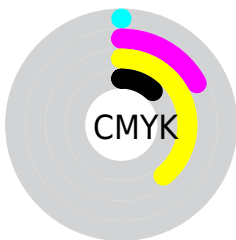
Distribution



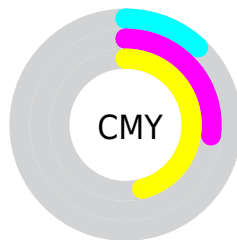
- Red (88%)
- Green (73%)
- Blue (54%)



- Red (80%)
- Yellow (88%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (39%)
- Black (12%)



- Cyan (12%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 225, 137 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, 225, 137 by changing the saturation by 10% instead.

 204, 225, 137


255, 255, 255

 206, 255, 191

 219, 255, 219


 247, 255, 247


 204, 225, 137

 173, 196, 111

 144, 168, 86

 117, 141, 63

 90, 114, 40

 61, 88, 17

 36, 63, 0

 34, 38, 0


 0, 0, 0

 204, 225, 137


 204, 225, 137

 199, 225, 114


 209, 225, 160

 192, 225, 92

 216, 225, 182

 188, 225, 70


 220, 225, 204

 183, 225, 47


 225, 226, 227

 177, 225, 24

 225, 233, 249

 171, 225, 2

 225, 237, 255

 171, 225, 0

 225, 240, 255

Harmonies

Analogous

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



245, 188, 152



204, 225, 137



137, 197, 137

Triad

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



204, 225, 137



106, 158, 209



218, 180, 233

Complementary

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



204, 225, 137



137, 164, 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.



180, 189, 248



204, 225, 137



107, 163, 235

Square

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



204, 225, 137



131, 178, 208



138, 177, 249



243, 173, 207

Rectangle

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



204, 225, 137



146, 202, 173



138, 177, 249



206, 183, 239

Sweetspot

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



204, 225, 137



246, 255, 224



225, 137, 175



124, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



204, 225, 137



227, 255, 135



137, 225, 143



110, 112, 101



134, 176, 0



34, 48, 0

Inverse Universe

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



137, 164, 225



135, 171, 255



143, 137, 225



101, 104, 112



0, 53, 176



0, 15, 48

Previews

White Background



This preview shows how the RYB color 204, 225, 137 looks on a white background.

Color Contrast Check

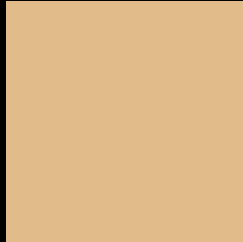
Large Text (above 18pt) WCAG AA × Fail

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, 225, 137 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](#).

R Y B 204, 225, 137 Background



This preview shows how black text looks on a background with the R Y B color 204, 225, 137.


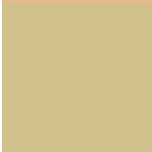




This preview shows how white text looks on a background with the R Y B color 204, 225, 137.

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](#).

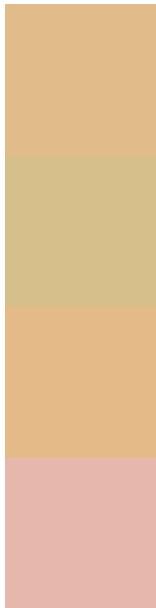
Dichromacy

	Original Color 204, 225, 137
	Protanopia 159, 208, 140
	Deuteranopia 224, 230, 137



Tritanopia
231, 180, 193

Trichromacy



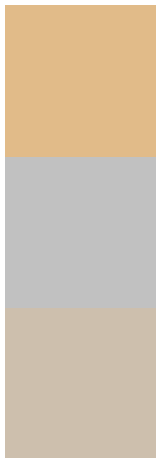
Original Color
204, 225, 137

Protanomaly
172, 214, 139

Deuteranomaly
215, 228, 137

Tritanomaly
229, 185, 173

Monochromacy



Original Color
204, 225, 137

Achromatopsia
193, 193, 193

Achromatomaly
198, 205, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 225, 137 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(225, 187, 137)` looks like.

```
.text, #text, p{  
    color:rgb(225, 187, 137)  
}
```

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(225, 187, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 187, 137) }
```

Border

The CSS property to change the border of an element to RYB 204, 225, 137 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(225, 187, 137) }
```

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

```
.border{ border-color:rgb(225, 187, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 187, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 187, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 187, 137);  
box-shadow:4px 4px 4px 4px rgb(225, 187,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 204, 225, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 187, 137) }
```

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

```
.background{ background-color: rgb(225,  
187, 137) }
```

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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