

Converting Colors

`RYB(198, 227, 130)`

Have a look what the booklet for
RYB(198, 227, 130) contains.

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Color

R_YB(198, 227, 130)

Conversions

Conversions Part 1

Format	Color
Hex	E3BB82
RGB	227, 187, 130
RGB Percent	89%, 73%, 51%
CMY	0.1098, 0.2666, 0.4902
CMYK	0.00, 0.18, 0.43, 0.11
HSL	35°, 63%, 70%
HSV	35°, 43%, 89%
XYZ	53.4833, 53.4935, 28.6255
YIQ	192.4620, 42.1370, -9.2470

Conversions

Conversions Part 2

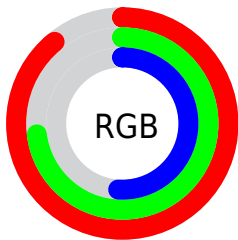
Format	Color
RYB	198, 227, 130
Decimal	14924674
CIELab	78.17, 6.90, 34.23
CIELCh	78, 34.921, 78.596
Yxy	53.4935, 0.3944, 0.3945
Android (android.graphics.Color)	4293114754 (0xFFE3BB82)
YUV	192.4620, -30.7938, 30.2898
Hunter-Lab	73.1393, 2.5349, 27.9924

Details

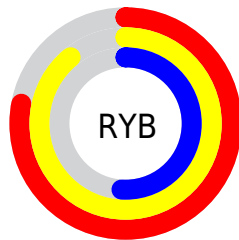
The RYB color **198, 227, 130** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **130, 158, 227**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **198, 255, 184**, and **140, 170, 80** is the 20% darker color. If you saturate the color by 10%, you get **190, 227, 107**, and if you desaturate by 10%, it is **206, 227, 153**.

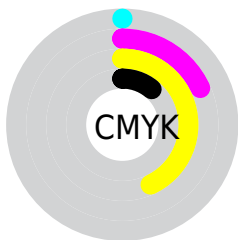
Distribution



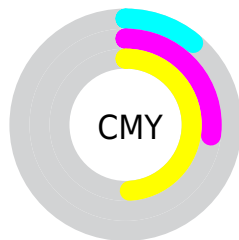
- Red (89%)
- Green (73%)
- Blue (51%)



- Red (78%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (18%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 227, 130 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 198, 227, 130 by changing the saturation by 10% instead.

 198, 227, 130


255, 255, 255


 198, 255, 184


 211, 255, 211


 240, 255, 240

 198, 227, 130

 168, 198, 104

 140, 170, 80

 110, 142, 56

 80, 115, 33

 52, 89, 9

 38, 64, 0

 37, 39, 0


 0, 0, 0

 198, 227, 130

 198, 227, 130

 190, 227, 107


 206, 227, 153

 186, 227, 85

 210, 227, 175

 178, 227, 62

 218, 227, 198

 169, 227, 39

 227, 227, 221

 166, 227, 17

 227, 232, 243

 160, 227, 0

 227, 237, 255

 227, 240, 255

 227, 241, 255

Harmonies

Analogous

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



249, 188, 146



198, 227, 130



131, 198, 134

Triad

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



198, 227, 130



89, 150, 213



222, 178, 236

Complementary

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



198, 227, 130



130, 158, 227

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, 188, 255



198, 227, 130



91, 157, 241

Square

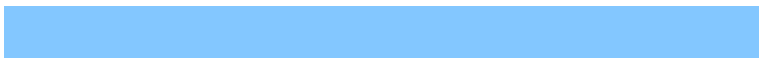
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198, 227, 130



120, 174, 210



131, 175, 255



249, 170, 207

Rectangle

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



198, 227, 130



142, 203, 174



131, 175, 255



210, 182, 244

Sweetspot

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



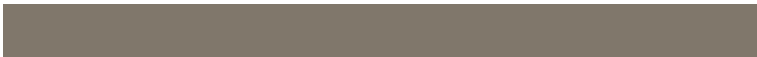
198, 227, 130



246, 255, 222



227, 130, 170



123, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



198, 227, 130



217, 255, 125



130, 227, 138



112, 115, 103



126, 179, 0



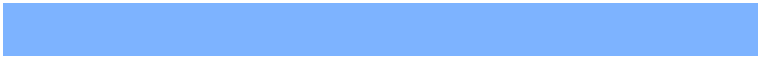
36, 51, 0

Inverse Universe

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



130, 158, 227



125, 163, 255



138, 130, 227



103, 107, 115



0, 52, 179



0, 15, 51

Previews

White Background



This preview shows how the RYB color 198, 227, 130 looks on a white background.

Color Contrast Check

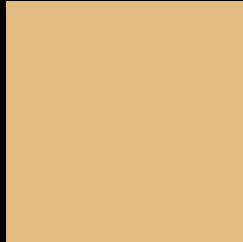
Large Text (above 18pt) WCAG AA × Fail

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 198, 227, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

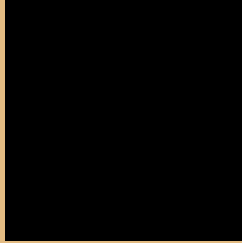
Any Text WCAG AA ✓ Pass

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 198, 227, 130 Background



This preview shows how black text looks on a background with the RYB color 198, 227, 130.

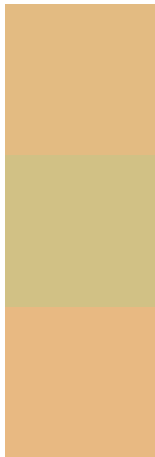


This preview shows how white text looks on a background with the RYB color 198, 227, 130.

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
198, 227, 130

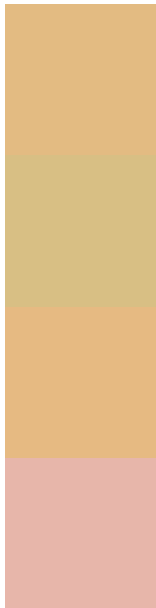
Protanopia
153, 209, 133

Deuteranopia
217, 232, 130



Tritanopia
233, 179, 193

Trichromacy



Original Color
198, 227, 130

Protanomaly
168, 216, 132

Deuteranomaly
209, 230, 130

Tritanomaly
231, 185, 170

Monochromacy



Original Color
198, 227, 130

Achromatopsia
192, 192, 192

Achromatomaly
195, 205, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 227, 130 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(227, 187, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 187, 130)  
}
```

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(227, 187, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 187, 130) }
```

Border

The CSS property to change the border of an element to RYB 198, 227, 130 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(227, 187, 130) }
```

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

```
.border{ border-color:rgb(227, 187, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 187, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 187, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 187, 130);  
box-shadow:4px 4px 4px 4px rgb(227, 187,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 198, 227, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 187, 130) }
```

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

```
.background{ background-color: rgb(227,  
187, 130) }
```

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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