

Converting Colors

`RYB(182, 237, 185)`

Have a look what the booklet for
RYB(182, 237, 185) contains.

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Color

R_YB(182, 237, 185)

Conversions

Conversions Part 1

Format	Color
Hex	EAEDB6
RGB	234, 237, 182
RGB Percent	92%, 93%, 71%
CMY	0.0824, 0.0706, 0.2863
CMYK	0.01, 0.00, 0.23, 0.07
HSL	63°, 60%, 82%
HSV	63°, 23%, 93%
XYZ	72.6594, 81.4382, 56.1456
YIQ	229.8330, 15.8670, -17.7410

Conversions

Conversions Part 2

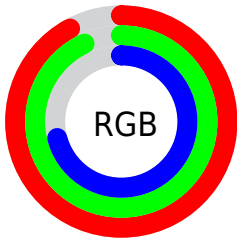
Format	Color
RYB	182, 237, 185
Decimal	15396278
CIELab	92.33, -9.74, 26.39
CIELCh	92, 28.131, 110.264
Yxy	81.4382, 0.3456, 0.3874
Android (android.graphics.Color)	4293586358 (0xFFEAEDB6)
YUV	229.8330, -23.5817, 3.6545
Hunter-Lab	90.2431, -14.2059, 26.2824

Details

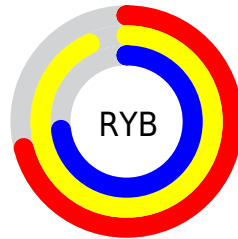
The RYB color **182, 237, 185** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **185, 182, 237**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **238, 255, 238**, and **129, 181, 132** is the 20% darker color. If you saturate the color by 10%, you get **158, 237, 162**, and if you desaturate by 10%, it is **206, 237, 208**.

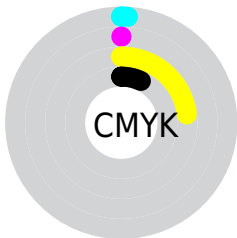
Distribution



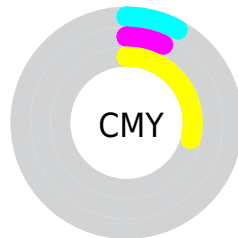
- Red (92%)
- Green (93%)
- Blue (71%)



- Red (71%)
- Yellow (93%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (23%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 237, 185 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 182, 237, 185 by changing the saturation by 10% instead.

 182, 237, 185

255, 255, 255

 238, 255, 238

 182, 237, 185


 155, 209, 158

 129, 181, 132

 103, 154, 106


 79, 128, 83

 55, 103, 59

 33, 79, 38

 10, 57, 16

 0, 35, 6

 0, 15, 15

 182, 237, 185

 182, 237, 185

 158, 237, 162

 206, 237, 208

 135, 237, 141

 229, 237, 229

 111, 237, 118

 238, 237, 253

 87, 237, 95

 239, 237, 255

 64, 237, 73

 240, 237, 255

 40, 237, 51

 242, 237, 255

 16, 237, 28

 243, 237, 255

 0, 237, 13

 244, 237, 255

 246, 237, 255

Harmonies

Analogous

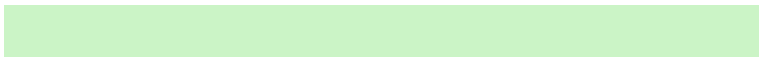
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222, 255, 180



182, 237, 185



198, 244, 239

Triad

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



182, 237, 185



162, 206, 255



255, 214, 243

Complementary

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



182, 237, 185



185, 182, 237

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.



255, 220, 255



182, 237, 185



189, 217, 255

Square

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



182, 237, 185



158, 204, 251



226, 229, 255



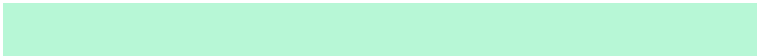
255, 214, 215

Rectangle

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



182, 237, 185



183, 226, 247



226, 229, 255



255, 216, 252

Sweetspot

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



182, 237, 185



237, 255, 238



237, 185, 182



117, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

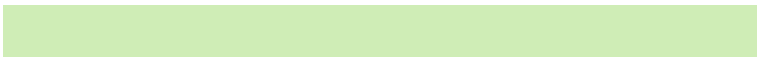
The Same Dimension uses a secret algorithm to generate beautiful new colors.



182, 237, 185



184, 255, 188



182, 237, 212



106, 117, 106



0, 181, 10



0, 54, 3

Inverse Universe

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



185, 182, 237



187, 184, 255



212, 182, 237



106, 106, 117



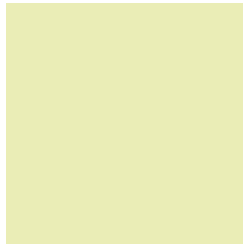
10, 0, 181



3, 0, 54

Previews

White Background



This preview shows how the RYB color 182, 237, 185 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 182, 237, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

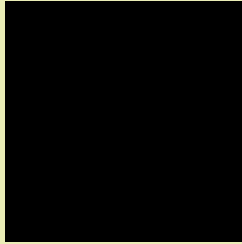
Any Text WCAG AA ✓ Pass

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 182, 237, 185 Background



This preview shows how black text looks on a background with the RYB color 182, 237, 185.



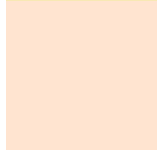


This preview shows how white text looks on a background with the RYB color 182, 237, 185.

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

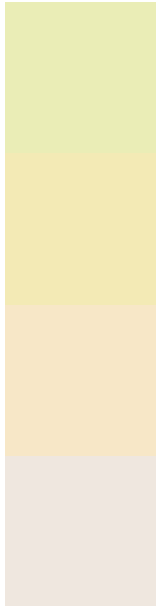
	Original Color 182, 237, 185
	Protanopia 201, 248, 180
	Deuteranopia 255, 243, 208



Tritanopia

242, 228, 246

Trichromacy



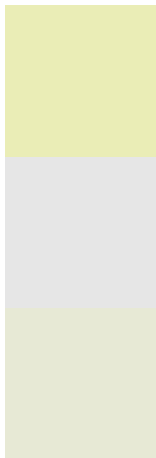
Original Color
182, 237, 185

Protanomaly
192, 243, 181

Deuteranomaly
223, 247, 199

Tritanomaly
239, 239, 223

Monochromacy



Original Color
182, 237, 185

Achromatopsia
230, 230, 230

Achromatomaly
213, 233, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 237, 185 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(234, 237, 182) looks like.

```
.text, #text, p{  
    color:rgb(234, 237, 182)  
}
```

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(234, 237, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 237, 182) }
```

Border

The CSS property to change the border of an element to RYB 182, 237, 185 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(234, 237, 182) }
```

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

```
.border{ border-color:rgb(234, 237, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 237, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 237, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 237, 182);  
box-shadow:4px 4px 4px 4px rgb(234, 237,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 182, 237, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 237, 182) }
```

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

```
.background{ background-color: rgb(234,  
237, 182) }
```

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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