

Converting Colors

`RYB(141, 237, 128)`

Have a look what the booklet for
RYB(141, 237, 128) contains.

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Color

R_YB(141, 237, 128)

Conversions

Conversions Part 1

Format	Color
Hex	EDE180
RGB	237, 225, 128
RGB Percent	93%, 88%, 50%
CMY	0.0706, 0.1161, 0.4980
CMYK	0.00, 0.05, 0.46, 0.07
HSL	54°, 75%, 72%
HSV	54°, 46%, 93%
XYZ	65.8508, 73.6220, 31.1618
YIQ	217.5300, 38.2890, -27.6230

Conversions

Conversions Part 2

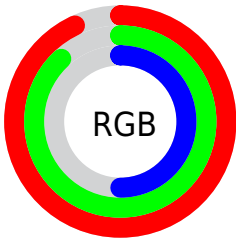
Format	Color
RYB	141, 237, 128
Decimal	15589760
CIELab	88.74, -9.05, 48.79
CIELCh	89, 49.624, 100.509
Yxy	73.6220, 0.3859, 0.4315
Android (android.graphics.Color)	4293779840 (0xFFEDE180)
YUV	217.5300, -44.1383, 17.0752
Hunter-Lab	85.8033, -13.1636, 38.5295

Details

The RYB color **141, 237, 128** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **128, 139, 237**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **182, 255, 182**, and **86, 179, 76** is the 20% darker color. If you saturate the color by 10%, you get **120, 237, 104**, and if you desaturate by 10%, it is **162, 237, 152**.

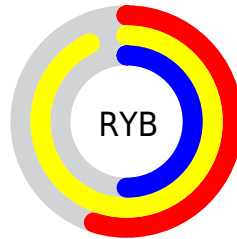
Distribution



Red (93%)

Green (88%)

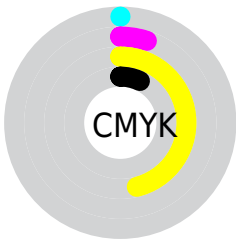
Blue (50%)



Red (55%)

Yellow (93%)

Blue (50%)

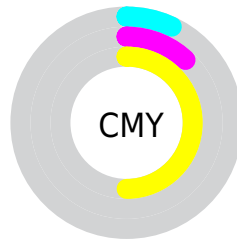


Cyan (0%)

Magenta (5%)

Yellow (46%)

Black (7%)



Cyan (7%)


Magenta (12%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 237, 128 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 141, 237, 128 by changing the saturation by 10% instead.

 141, 237, 128

 141, 237, 128

255, 255, 255

 114, 208, 102


 182, 255, 182

 86, 179, 76

 211, 255, 211

 58, 151, 50

 239, 255, 239

 29, 124, 23

 3, 97, 0

 2, 72, 0

 0, 48, 2

 0, 28, 7

 0, 0, 0

■ 141, 237, 128

■ 141, 237, 128

■ 120, 237, 104

■ 162, 237, 152

■ 100, 237, 81

■ 183, 237, 175

■ 78, 237, 57

■ 203, 237, 199

■ 58, 237, 33

■ 225, 237, 223

■ 36, 237, 9

■ 237, 238, 246

■ 28, 237, 0

■ 237, 240, 255

■ 237, 242, 255

■ 237, 243, 255

■ 237, 244, 255

Harmonies

Analogous

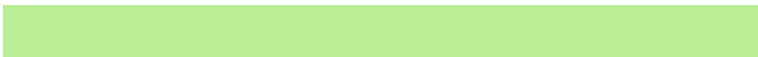
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208, 255, 134



141, 237, 128



149, 238, 202

Triad

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



141, 237, 128



0, 125, 255



255, 190, 255

Complementary

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



141, 237, 128



128, 139, 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.



249, 204, 255



141, 237, 128



88, 166, 255

Square

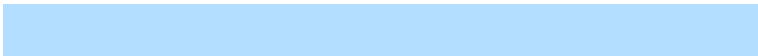
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



141, 237, 128



32, 143, 248



180, 207, 255



255, 185, 208

Rectangle

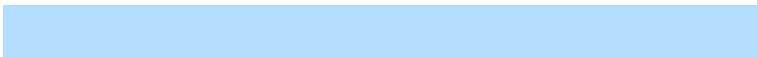
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



141, 237, 128



146, 222, 244



180, 207, 255



255, 194, 255

Sweetspot

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



141, 237, 128



224, 255, 219



237, 128, 141



109, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



141, 237, 128



132, 255, 115



128, 237, 170



107, 117, 106



21, 181, 0



7, 54, 0

Inverse Universe

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



128, 139, 237



115, 129, 255



170, 128, 237



106, 107, 117



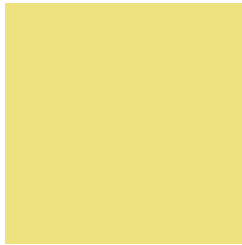
0, 17, 181



0, 5, 54

Previews

White Background



This preview shows how the RYB color 141, 237, 128 looks on a white background.

Color Contrast Check

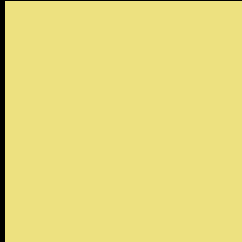
Large Text (above 18pt) WCAG AA × Fail

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 141, 237, 128 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 141, 237, 128 Background



This preview shows how black text looks on a background with the RYB color 141, 237, 128.



This preview shows how white text looks on a background with the RYB color 141, 237, 128.

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
141, 237, 128

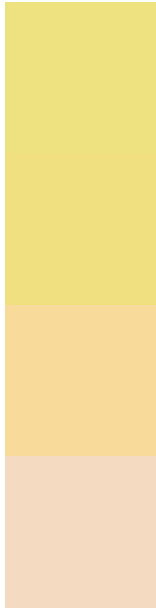
Protanopia
153, 244, 127

Deuteranopia
242, 255, 170



Tritanopia
248, 213, 230

Trichromacy



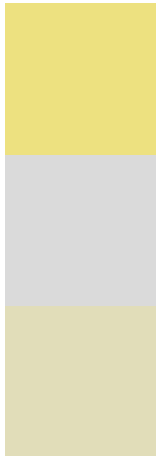
Original Color
141, 237, 128

Protanomaly
147, 241, 127

Deuteranomaly
197, 248, 155

Tritanomaly
244, 242, 193

Monochromacy



Original Color
141, 237, 128

Achromatopsia
218, 218, 218

Achromatomaly
189, 225, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 237, 128 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(237, 225, 128)` looks like.

```
.text, #text, p{  
    color:rgb(237, 225, 128)  
}
```

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(237, 225, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 225, 128) }
```

Border

The CSS property to change the border of an element to RYB 141, 237, 128 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(237, 225, 128) }
```

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

```
.border{ border-color:rgb(237, 225, 128) }
```

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

Here you see how a box with a 4 pixel rgb(237, 225, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 225, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 225, 128);  
box-shadow:4px 4px 4px 4px rgb(237, 225,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 141, 237, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 225, 128) }
```

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

```
.background{ background-color: rgb(237,  
225, 128) }
```

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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