

Converting Colors

`RYB(165, 238, 141)`

Have a look what the booklet for
RYB(165, 238, 141) contains.

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Color

R_YB(165, 238, 141)

Conversions

Conversions Part 1

Format	Color
Hex	EEDB8D
RGB	238, 219, 141
RGB Percent	93%, 86%, 55%
CMY	0.0667, 0.1421, 0.4471
CMYK	0.00, 0.08, 0.41, 0.07
HSL	48°, 74%, 74%
HSV	48°, 41%, 93%
XYZ	65.3366, 70.6383, 35.3902
YIQ	215.7890, 36.3620, -20.2300

Conversions

Conversions Part 2

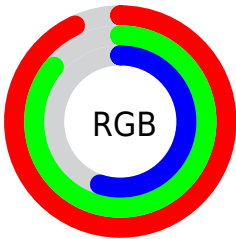
Format	Color
R _{YB}	165, 238, 141
Decimal	15653773
CIE Lab	87.31, -4.02, 40.61
CIE LCh	87, 40.807, 95.657
Yxy	70.6383, 0.3813, 0.4122
Android (android.graphics.Color)	4293843853 (0xFFEEDB8D)
YUV	215.7890, -36.8710, 19.4790
Hunter-Lab	84.0466, -8.3181, 33.8668

Details

The RYB color **165, 238, 141** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **141, 157, 238**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **196, 255, 196**, and **110, 181, 89** is the 20% darker color. If you saturate the color by 10%, you get **147, 238, 117**, and if you desaturate by 10%, it is **184, 238, 165**.

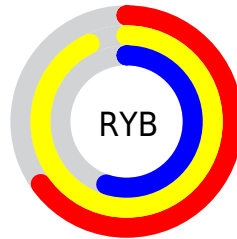
Distribution



Red (93%)

Green (86%)

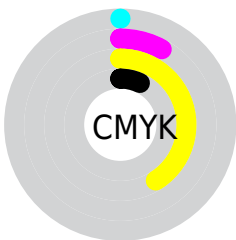
Blue (55%)



Red (65%)

Yellow (93%)

Blue (55%)

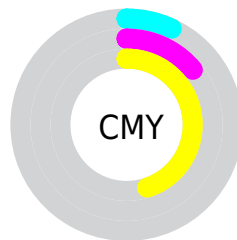


Cyan (0%)

Magenta (8%)

Yellow (41%)

Black (7%)



Cyan (7%)

Magenta (14%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 238, 141 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 165, 238, 141 by changing the saturation by 10% instead.

 165, 238, 141

255, 255, 255

 196, 255, 196


 224, 255, 224

253, 255, 253

 165, 238, 141

 137, 209, 115

 110, 181, 89


 83, 153, 65

 57, 126, 40

 27, 99, 14

 10, 74, 0

 7, 49, 0

 1, 24, 0

 0, 0, 0

■ 165, 238, 141

■ 165, 238, 141

■ 147, 238, 117

■ 184, 238, 165

■ 129, 238, 93

■ 202, 238, 189

■ 111, 238, 70

■ 218, 238, 212

■ 93, 238, 46

■ 236, 238, 236

■ 76, 238, 22

■ 238, 241, 255

■ 59, 238, 0

■ 238, 244, 255

■ 238, 246, 255

■ 238, 247, 255

Harmonies

Analogous

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



244, 255, 149



165, 238, 141



155, 230, 189

Triad

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



165, 238, 141



80, 163, 255



255, 194, 252

Complementary

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



165, 238, 141



141, 157, 238

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.



233, 206, 255



165, 238, 141



116, 179, 255

Square

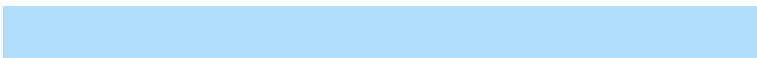
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



165, 238, 141



104, 176, 240



177, 205, 255



255, 189, 213

Rectangle

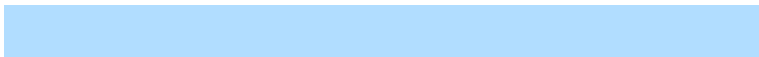
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



165, 238, 141



166, 228, 235



177, 205, 255



255, 197, 255

Sweetspot

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



165, 238, 141



231, 255, 224



238, 141, 160



115, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



165, 238, 141



161, 255, 130



141, 238, 170



112, 120, 108



46, 184, 0



14, 56, 0

Inverse Universe

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



141, 157, 238



130, 151, 255



170, 141, 238



108, 110, 120



0, 30, 184



0, 9, 56

Previews

White Background



This preview shows how the RYB color 165, 238, 141 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 165, 238, 141 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 165, 238, 141 Background



This preview shows how black text looks on a background with the RYB color 165, 238, 141.



This preview shows how white text looks on a background with the RYB color 165, 238, 141.

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
165, 238, 141

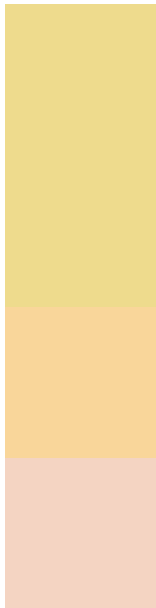
Protanopia
165, 238, 141

Deuteranopia
244, 255, 161



Tritanopia
247, 208, 225

Trichromacy



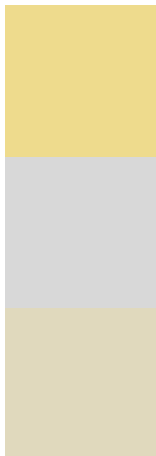
Original Color
165, 238, 141

Protanomaly
165, 238, 141

Deuteranomaly
209, 249, 154

Tritanomaly
244, 222, 194

Monochromacy



Original Color
165, 238, 141

Achromatopsia
216, 216, 216

Achromatomaly
198, 224, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 238, 141 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(238, 219, 141) looks like.

```
.text, #text, p{  
    color:rgb(238, 219, 141)  
}
```

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(238, 219, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 219, 141) }
```

Border

The CSS property to change the border of an element to RYB 165, 238, 141 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(238, 219, 141) }
```

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

```
.border{ border-color:rgb(238, 219, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 219, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 219, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 219, 141);  
box-shadow:4px 4px 4px 4px rgb(238, 219,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 165, 238, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 219, 141) }
```

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

```
.background{ background-color: rgb(238,  
219, 141) }
```

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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