

Converting Colors

`RYB(148, 221, 135)`

Have a look what the booklet for
RYB(148, 221, 135) contains.

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Color

R_YB(148, 221, 135)

Conversions

Conversions Part 1

Format	Color
Hex	DDD287
RGB	221, 210, 135
RGB Percent	87%, 82%, 53%
CMY	0.1333, 0.1776, 0.4706
CMYK	0.00, 0.05, 0.39, 0.13
HSL	52°, 56%, 70%
HSV	52°, 39%, 87%
XYZ	57.1663, 63.0701, 32.0824
YIQ	204.7390, 30.6310, -20.9930

Conversions

Conversions Part 2

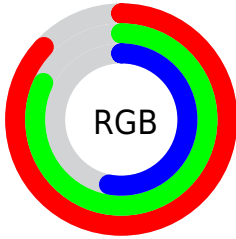
Format	Color
R_{YB}	148, 221, 135
Decimal	14537351
CIE _{Lab}	83.48, -6.73, 38.43
CIE _{LCh}	83, 39.015, 99.938
Yxy	63.0701, 0.3753, 0.4141
Android (android.graphics.Color)	4292727431 (0xFFDDD287)
YUV	204.7390, -34.3813, 14.2609
Hunter-Lab	79.4167, -10.4900, 31.6399

Details

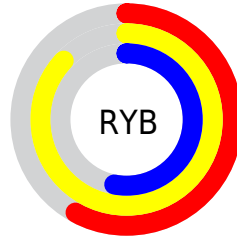
The RYB color **148, 221, 135** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **135, 145, 221**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **189, 255, 189**, and **94, 165, 84** is the 20% darker color. If you saturate the color by 10%, you get **129, 221, 113**, and if you desaturate by 10%, it is **166, 221, 157**.

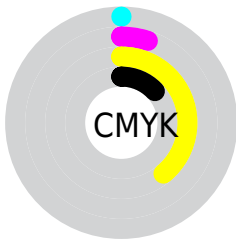
Distribution



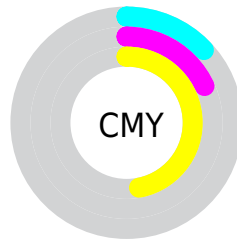
- Red (87%)
- Green (82%)
- Blue (53%)



- Red (58%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (5%)
- Yellow (39%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 221, 135 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 148, 221, 135 by changing the saturation by 10% instead.

 148, 221, 135


255, 255, 255

 189, 255, 189

 217, 255, 217

 246, 255, 246

 148, 221, 135

 120, 192, 109

 95, 165, 84


 68, 137, 59

 43, 111, 35

 14, 85, 9

 3, 61, 0

 0, 36, 0

 0, 16, 14


 0, 0, 0

 148, 221, 135

 148, 221, 135

 129, 221, 113

 166, 221, 157

 111, 221, 91

 185, 221, 179

 92, 221, 69

 205, 221, 201

 74, 221, 47


 221, 221, 223


 54, 221, 24

 221, 224, 246


 35, 221, 2

 221, 226, 255

 33, 221, 0

 221, 228, 255

 221, 230, 255

 221, 231, 255

Harmonies

Analogous

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



254, 254, 140



148, 221, 135



151, 220, 190

Triad

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



148, 221, 135



79, 159, 254



255, 183, 234

Complementary

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



148, 221, 135



135, 145, 221

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.



228, 194, 255



148, 221, 135



119, 177, 255

Square

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



148, 221, 135



94, 163, 228



177, 199, 255



255, 180, 197

Rectangle

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



148, 221, 135



151, 209, 224



177, 199, 255



255, 186, 245

Sweetspot

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



148, 221, 135



229, 255, 224



221, 135, 146



114, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



148, 221, 135



153, 255, 135



135, 221, 167



101, 110, 99



25, 173, 0



7, 46, 0

Inverse Universe

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



135, 145, 221



135, 149, 255



167, 135, 221



99, 100, 110



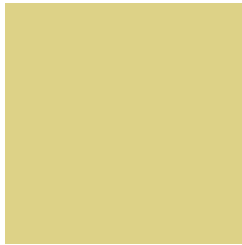
0, 20, 173



0, 5, 46

Previews

White Background



This preview shows how the RYB color 148, 221, 135 looks on a white background.

Color Contrast Check

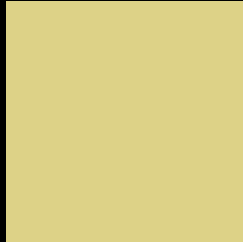
Large Text (above 18pt) WCAG AA × Fail

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 148, 221, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

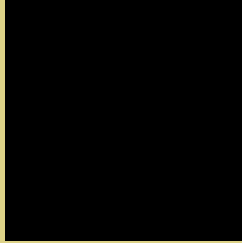
Any Text WCAG AA ✓ Pass

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 148, 221, 135 Background



This preview shows how black text looks on a background with the RYB color 148, 221, 135.



This preview shows how white text looks on a background with the RYB color 148, 221, 135.

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
148, 221, 135

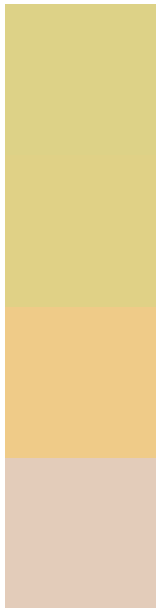
Protanopia
156, 226, 134

Deuteranopia
230, 250, 137



Tritanopia
230, 200, 215

Trichromacy



Original Color
148, 221, 135

Protanomaly
152, 224, 134

Deuteranomaly
191, 239, 136

Tritanomaly
227, 218, 186

Monochromacy



Original Color
148, 221, 135

Achromatopsia
205, 205, 205

Achromatomaly
185, 211, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 221, 135 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(221, 210, 135)` looks like.

```
.text, #text, p{  
    color:rgb(221, 210, 135)  
}
```

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(221, 210, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 210, 135) }
```

Border

The CSS property to change the border of an element to RYB 148, 221, 135 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(221, 210, 135) }
```

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

```
.border{ border-color:rgb(221, 210, 135) }
```

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

Here you see how a box with a 4 pixel rgb(221, 210, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 210, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 210, 135);  
box-shadow:4px 4px 4px 4px rgb(221, 210,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 148, 221, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 210, 135) }
```

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

```
.background{ background-color: rgb(221,  
210, 135) }
```

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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