

Converting Colors

`RYB(125, 225, 135)`

Have a look what the booklet for
RYB(125, 225, 135) contains.

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Color

R_YB(125, 225, 135)

Conversions

Conversions Part 1

Format	Color
Hex	D7E17D
RGB	215, 225, 125
RGB Percent	84%, 88%, 49%
CMY	0.1569, 0.1176, 0.5098
CMYK	0.04, 0.00, 0.44, 0.12
HSL	66°, 62%, 69%
HSV	66°, 44%, 88%
XYZ	58.6512, 69.7782, 29.7793
YIQ	210.6100, 26.1400, -33.2200

Conversions

Conversions Part 2

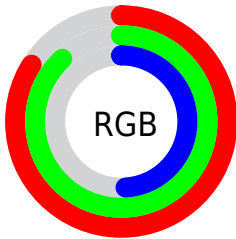
Format	Color
RYB	125, 225, 135
Decimal	14147965
CIELab	86.89, -17.80, 47.57
CIELCh	87, 50.793, 110.518
Yxy	69.7782, 0.3707, 0.4411
Android (android.graphics.Color)	4292338045 (0xFFD7E17D)
YUV	210.6100, -42.2057, 3.8500
Hunter-Lab	83.5333, -20.8532, 37.3367

Details

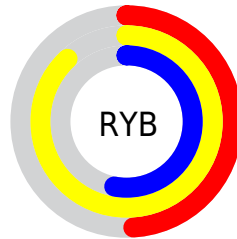
The RYB color **125, 225, 135** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **135, 125, 225**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **179, 255, 179**, and **73, 170, 84** is the 20% darker color. If you saturate the color by 10%, you get **102, 225, 114**, and if you desaturate by 10%, it is **147, 225, 155**.

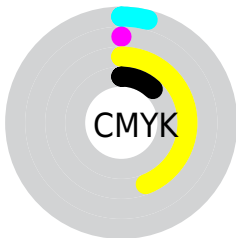
Distribution



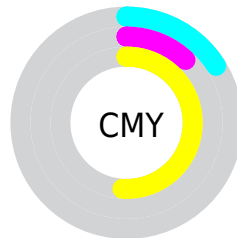
- Red (84%)
- Green (88%)
- Blue (49%)



- Red (49%)
- Yellow (88%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (44%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 225, 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 125, 225, 135 by changing the saturation by 10% instead.

 125, 225, 135


255, 255, 255

 179, 255, 179

 207, 255, 207


 236, 255, 236

 125, 225, 135

 99, 197, 110

 73, 170, 84

 47, 143, 59

 20, 118, 33

 0, 93, 14

 0, 70, 16

 0, 47, 19

 0, 28, 28

 0, 0, 0

 125, 225, 135

 125, 225, 135

 102, 225, 114

 147, 225, 155

 80, 225, 94

 170, 225, 175

 57, 225, 74

 193, 225, 196

 35, 225, 54


 215, 225, 216

 12, 225, 33

 226, 225, 238

 0, 225, 22

 228, 225, 255

 231, 225, 255

 233, 225, 255

 235, 225, 255

Harmonies

Analogous

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



192, 255, 122



125, 225, 135



154, 236, 231

Triad

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



125, 225, 135



0, 123, 255



255, 180, 235

Complementary

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



125, 225, 135



135, 125, 225

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, 193, 255



125, 225, 135



111, 175, 255

Square

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



125, 225, 135



0, 123, 250



199, 209, 255



255, 181, 186

Rectangle

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



125, 225, 135



115, 196, 241



199, 209, 255



255, 183, 251

Sweetspot

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



125, 225, 135



222, 255, 225



225, 136, 125



107, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



125, 225, 135



120, 255, 134



125, 225, 185



101, 112, 102



0, 176, 18



0, 48, 4

Inverse Universe

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



135, 125, 225



133, 120, 255



185, 125, 225



102, 101, 112



18, 0, 176



5, 0, 48

Previews

White Background



This preview shows how the RYB color 125, 225, 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 125, 225, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

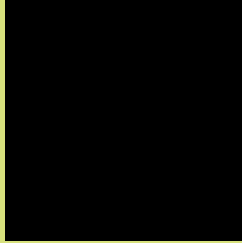
Any Text WCAG AA ✓ Pass

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 125, 225, 135 Background



This preview shows how black text looks on a background with the RYB color 125, 225, 135.

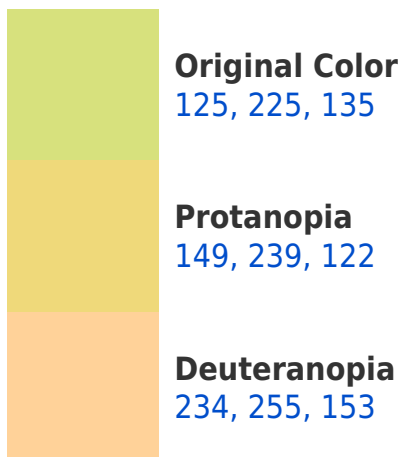


This preview shows how white text looks on a background with the RYB color 125, 225, 135.

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](#).

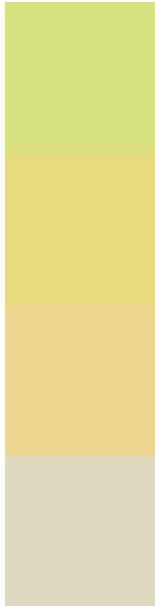
Dichromacy





Tritanopia
227, 213, 230

Trichromacy



Original Color
125, 225, 135

Protanomaly
134, 230, 123

Deuteranomaly
177, 240, 143

Tritanomaly
199, 223, 192

Monochromacy



Original Color
125, 225, 135

Achromatopsia
211, 211, 211

Achromatomaly
180, 216, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 225, 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(215, 225, 125)` looks like.

```
.text, #text, p{  
    color:rgb(215, 225, 125)  
}
```

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(215, 225, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 225, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 225, 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(215, 225, 125) }
```

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

```
.border{ border-color:rgb(215, 225, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 225, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 225, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 225, 125);  
box-shadow:4px 4px 4px 4px rgb(215, 225,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 125, 225, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 225, 125) }
```

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

```
.background{ background-color: rgb(215,  
225, 125) }
```

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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