

Converting Colors

`RYB(145, 210, 135)`

Have a look what the booklet for
RYB(145, 210, 135) contains.

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Color

R_YB(145, 210, 135)

Conversions

Conversions Part 1

Format	Color
Hex	D2C987
RGB	210, 201, 135
RGB Percent	82%, 79%, 53%
CMY	0.1765, 0.2111, 0.4706
CMYK	0.00, 0.04, 0.36, 0.18
HSL	53°, 45%, 68%
HSV	53°, 36%, 82%
XYZ	51.8793, 57.3065, 31.2486
YIQ	196.1670, 26.5500, -18.6180

Conversions

Conversions Part 2

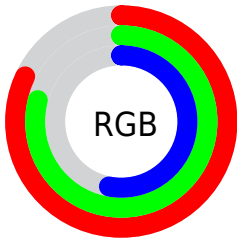
Format	Color
RYB	145, 210, 135
Decimal	13814151
CIELab	80.35, -6.69, 34.20
CIElCh	80, 34.848, 101.063
Yxy	57.3065, 0.3694, 0.4081
Android (android.graphics.Color)	4292004231 (0xFFD2C987)
YUV	196.1670, -30.1553, 12.1315
Hunter-Lab	75.7011, -10.1476, 28.5165

Details

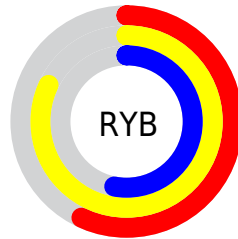
The RYB color **145, 210, 135** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **135, 143, 210**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **189, 255, 189**, and **92, 154, 84** is the 20% darker color. If you saturate the color by 10%, you get **126, 210, 114**, and if you desaturate by 10%, it is **163, 210, 156**.

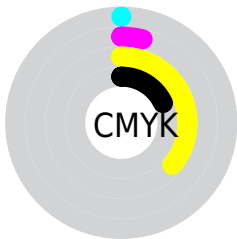
Distribution



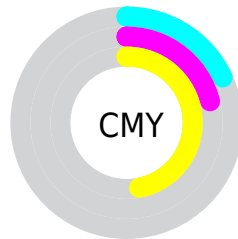
- Red (82%)
- Green (79%)
- Blue (53%)



- Red (57%)
- Yellow (82%)
- Blue (53%)



- Cyan (0%)
- Magenta (4%)
- Yellow (36%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 210, 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 145, 210, 135 by changing the saturation by 10% instead.

 145, 210, 135

255, 255, 255


 189, 255, 189


 217, 255, 217


 246, 255, 246

 145, 210, 135

 118, 182, 109

 92, 154, 84

 67, 128, 60

 42, 102, 37

 15, 76, 12

 2, 53, 0

 0, 30, 1

 0, 2, 2

 0, 0, 0

 145, 210, 135

 145, 210, 135

 126, 210, 114

 163, 210, 156

 109, 210, 93

 182, 210, 177

 90, 210, 72

 199, 210, 198

 73, 210, 51

 210, 211, 219

 54, 210, 30

 210, 214, 240

 36, 210, 9

 210, 215, 255

 28, 210, 0

 210, 217, 255

 210, 219, 255

 210, 220, 255

Harmonies

Analogous

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



236, 240, 138



145, 210, 135



149, 210, 185

Triad

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



145, 210, 135



94, 160, 241



250, 178, 221

Complementary

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



145, 210, 135



135, 143, 210

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.



219, 187, 249



145, 210, 135



126, 176, 255

Square

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



145, 210, 135



102, 161, 217



174, 193, 255



255, 175, 188

Rectangle

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



145, 210, 135



148, 199, 214



174, 193, 255



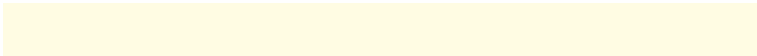
242, 180, 231

Sweetspot

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



145, 210, 135



230, 255, 227



210, 135, 145



113, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



145, 210, 135



160, 255, 145



135, 210, 162



96, 105, 94



21, 168, 0



6, 41, 0

Inverse Universe

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



135, 143, 210



145, 157, 255



162, 135, 210



94, 95, 105



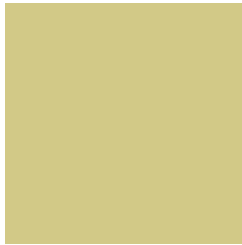
0, 18, 168



0, 4, 41

Previews

White Background



This preview shows how the RYB color 145, 210, 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 145, 210, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

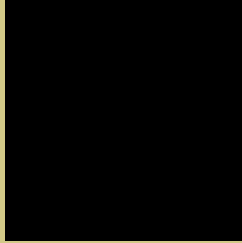
Any Text WCAG AA ✓ Pass

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 145, 210, 135 Background



This preview shows how black text looks on a background with the RYB color 145, 210, 135.

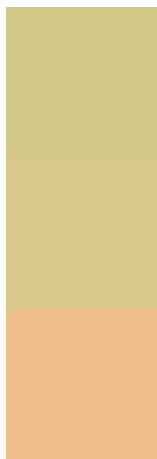


This preview shows how white text looks on a background with the RYB color 145, 210, 135.

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


145, 210, 135

Protanopia

155, 216, 134

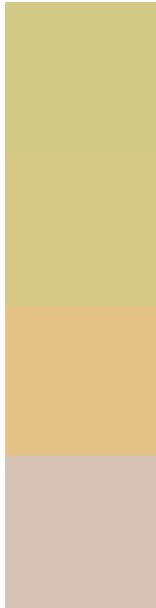
Deuteranopia

225, 238, 137



Tritanopia
218, 192, 207

Trichromacy



Original Color
145, 210, 135

Protanomaly
151, 214, 134

Deuteranomaly
187, 228, 136

Tritanomaly
215, 205, 181

Monochromacy



Original Color
145, 210, 135

Achromatopsia
196, 196, 196

Achromatomaly
177, 201, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 210, 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(210, 201, 135)` looks like.

```
.text, #text, p{  
    color:rgb(210, 201, 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(210, 201, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 201, 135) }
```

Border

The CSS property to change the border of an element to RYB 145, 210, 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(210, 201, 135) }
```

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

```
.border{ border-color:rgb(210, 201, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 201, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 201, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 201, 135);  
box-shadow:4px 4px 4px 4px rgb(210, 201,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 210, 201, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 201, 135) }
```

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

```
.background{ background-color: rgb(210,  
201, 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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