

Converting Colors

`RYB(227, 135, 135)`

Have a look what the booklet for
RYB(227, 135, 135) contains.

RYB(227, 135, 135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(227, 135, 135)

Conversions

Conversions Part 1

Format	Color
Hex	E38787
RGB	227, 135, 135
RGB Percent	89%, 53%, 53%
CMY	0.1098, 0.4706, 0.4706
CMYK	0.00, 0.41, 0.41, 0.11
HSL	0°, 62%, 71%
HSV	0°, 41%, 89%
XYZ	44.7157, 35.4081, 27.3993
YIQ	162.5080, 54.8320, 19.5040

Conversions

Conversions Part 2

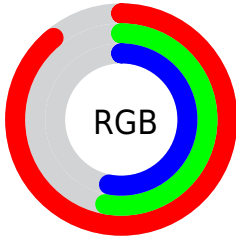
Format	Color
R _Y B	227, 135, 135
Decimal	14911367
CIE Lab	66.07, 35.15, 15.22
CIE LCh	66, 38.302, 23.421
Yxy	35.4081, 0.4159, 0.3293
Android (android.graphics.Color)	4293101447 (0xFFE38787)
YUV	162.5080, -13.5614, 56.5595
Hunter-Lab	59.5047, 30.0032, 14.3528

Details

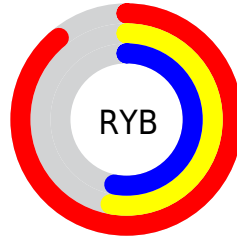
The RYB color **227, 135, 135** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **135, 181, 227**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 189, 188**, and **169, 83, 85** is the 20% darker color. If you saturate the color by 10%, you get **227, 112, 112**, and if you desaturate by 10%, it is **227, 158, 158**.

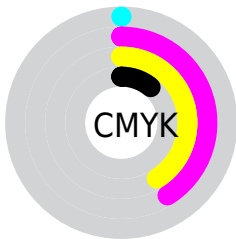
Distribution



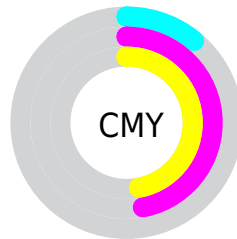
- Red (89%)
- Green (53%)
- Blue (53%)



- Red (89%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (41%)
- Yellow (41%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the RYB color 227, 135, 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 227, 135, 135 by changing the saturation by 10% instead.

 227, 135, 135

 227, 135, 135

255, 255, 255

 198, 109, 110

 255, 189, 188

 169, 83, 85

 255, 218, 216

 140, 59, 62

 255, 246, 244


 113, 34, 40


 85, 5, 20


 59, 0, 0

 32, 0, 1

 0, 0, 0


 227, 135, 135

 227, 135, 135

 227, 112, 112

 227, 158, 158

 227, 90, 90

 227, 180, 180

 227, 67, 67

 227, 203, 203

 227, 44, 44

 227, 226, 226

 227, 22, 22

 227, 238, 249

 227, 0, 0

 227, 241, 255

Harmonies

Analogous

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



222, 134, 170



227, 135, 135



215, 163, 107

Triad

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



227, 135, 135



115, 171, 174



95, 141, 228

Complementary

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



227, 135, 135



135, 181, 227

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.



6, 99, 215



227, 135, 135



67, 130, 178

Square

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



227, 135, 135



96, 167, 108



0, 91, 187



153, 154, 224

Rectangle

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



227, 135, 135



181, 199, 95



0, 91, 187



72, 132, 226

Sweetspot

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



227, 135, 135



255, 224, 224



227, 135, 227



128, 110, 110



0, 0, 0



128, 128, 128

Same Dimension

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



227, 135, 135



255, 130, 130



227, 227, 135



115, 103, 103



179, 0, 0



51, 0, 0

Inverse Universe

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



135, 181, 227



130, 193, 255



135, 166, 227



103, 109, 115



0, 90, 179



0, 26, 51

Previews

White Background



This preview shows how the RYB color 227, 135, 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 227, 135, 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 227, 135, 135 Background



This preview shows how black text looks on a background with the RYB color 227, 135, 135.

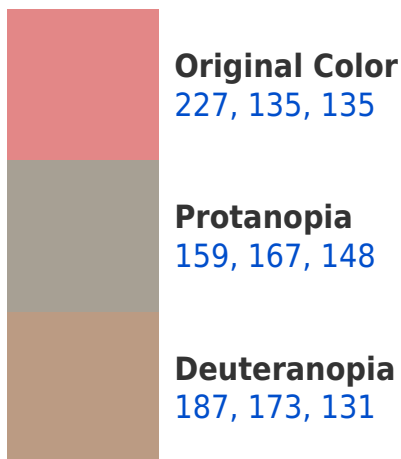


This preview shows how white text looks on a background with the RYB color 227, 135, 135.

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](#).

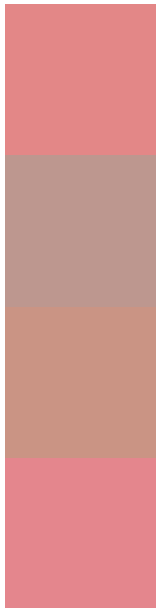
Dichromacy





Tritanopia
228, 134, 144

Trichromacy



Original Color
227, 135, 135

Protanomaly
189, 153, 143

Deuteranomaly
202, 153, 132

Tritanomaly
228, 134, 141

Monochromacy



Original Color
227, 135, 135

Achromatopsia
163, 163, 163

Achromatomaly
186, 153, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 135, 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(227, 135, 135)` looks like.

```
.text, #text, p{  
  color:rgb(227, 135, 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(227, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 135, 135) }
```

Border

The CSS property to change the border of an element to RYB 227, 135, 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(227, 135, 135) }
```

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

```
.border{ border-color:rgb(227, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(227, 135,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 227, 135, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 135, 135) }
```

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

```
.background{ background-color: rgb(227,  
135, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor