

Converting Colors

`RYB(236, 135, 135)`

Have a look what the booklet for
RYB(236, 135, 135) contains.

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Color

R_YB(236, 135, 135)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EC8787 |
| RGB | 236, 135, 135 |
| RGB Percent | 93%, 53%, 53% |
| CMY | 0.0745, 0.4706, 0.4706 |
| CMYK | 0.00, 0.43, 0.43, 0.07 |
| HSL | 0°, 73%, 73% |
| HSV | 0°, 43%, 93% |
| XYZ | 47.6292, 36.9101, 27.5357 |
| YIQ | 165.1990, 60.1960, 21.4120 |

Conversions

Conversions Part 2

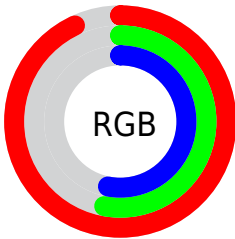
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 236, 135, 135 |
| Decimal | 15501191 |
| CIE _{Lab} | 67.21, 38.48, 16.99 |
| CIE _{LCh} | 67, 42.066, 23.820 |
| Yxy | 36.9101, 0.4250, 0.3293 |
| Android (android.graphics.Color) | 4293691271 (0xFFEC8787) |
| YUV | 165.1990, -14.8881, 62.0925 |
| Hunter-Lab | 60.7537, 33.6202, 15.6553 |

Details

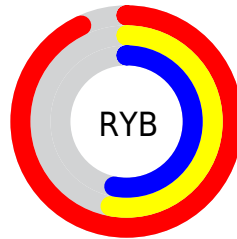
The RYB color **236, 135, 135** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **135, 186, 236**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 190, 188**, and **177, 83, 85** is the 20% darker color. If you saturate the color by 10%, you get **236, 111, 111**, and if you desaturate by 10%, it is **236, 159, 159**.

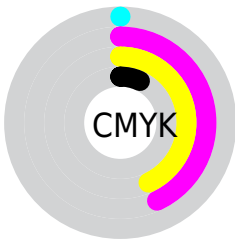
Distribution



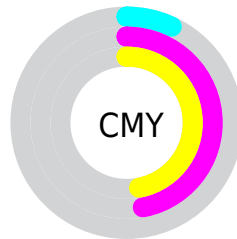
- Red (93%)
- Green (53%)
- Blue (53%)



- Red (93%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (43%)
- Yellow (43%)
- Black (7%)




- Cyan (7%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the RYB color 236, 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 236, 135, 135 by changing the saturation by 10% instead.

 236, 135, 135

 236, 135, 135

255, 255, 255

 206, 109, 110

 255, 190, 188

 177, 83, 85

 255, 218, 216

 148, 58, 62

 255, 248, 244

 120, 32, 40


 92, 1, 20

 65, 0, 0

 40, 0, 1

 0, 0, 0

 236, 135, 135

 236, 135, 135

 236, 111, 111

 236, 159, 159

 236, 88, 88

 236, 182, 182

 236, 64, 64

 236, 206, 206

 236, 41, 41

 236, 229, 229

 236, 17, 17

 236, 245, 253

 236, 0, 0

 236, 246, 255

Harmonies

Analogous

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



231, 134, 173



236, 135, 135



222, 167, 104

Triad

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



236, 135, 135



112, 174, 179



87, 141, 238

Complementary

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



236, 135, 135



135, 186, 236

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.



0, 99, 224



236, 135, 135



52, 126, 183

Square

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



236, 135, 135



92, 171, 106



0, 94, 193



155, 157, 233

Rectangle

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



236, 135, 135



183, 205, 91



0, 94, 193



56, 127, 236

Sweetspot

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



236, 135, 135



255, 222, 222



236, 135, 236



128, 107, 107



0, 0, 0



128, 128, 128

Same Dimension

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



236, 135, 135



255, 125, 125



234, 236, 135



117, 106, 106



181, 0, 0



54, 0, 0

Inverse Universe

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



135, 186, 236



125, 190, 255



135, 169, 236



106, 112, 117



0, 91, 181



0, 27, 54

Previews

White Background



This preview shows how the RYB color 236, 135, 135 looks on a white background.

Color Contrast Check

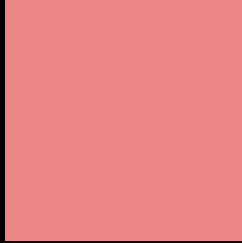
Large Text (above 18pt) WCAG AA × Fail

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 236, 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](#).

RGB 236, 135, 135 Background



This preview shows how black text looks on a background with the RGB color 236, 135, 135.



This preview shows how white text looks on a background with the RGB color 236, 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



Original Color
236, 135, 135

Protanopia
160, 170, 149

Deuteranopia
191, 180, 131



Tritanopia
237, 134, 143

Trichromacy



Original Color

236, 135, 135



Protanomaly

194, 155, 144



Deuteranomaly

207, 156, 132



Tritanomaly

237, 134, 140

Monochromacy



Original Color

236, 135, 135



Achromatopsia

165, 165, 165



Achromatomaly

191, 154, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 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(236, 135, 135) looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 135, 135) }
```

Border

The CSS property to change the border of an element to RYB 236, 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(236, 135, 135) }
```

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

```
.border{ border-color:rgb(236, 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(236, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(236, 135,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 236, 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(236, 135, 135) }
```

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

```
.background{ background-color: rgb(236,  
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](#).

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