

Converting Colors

`RYB(215, 127, 136)`

Have a look what the booklet for
RYB(215, 127, 136) contains.

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Color

`RYB(215, 127, 136)`

Conversions

Conversions Part 1

Format	Color
Hex	D77F88
RGB	215, 127, 136
RGB Percent	84%, 50%, 53%
CMY	0.1569, 0.5020, 0.4667
CMYK	0.00, 0.41, 0.37, 0.16
HSL	354°, 52%, 67%
HSV	354°, 41%, 84%
XYZ	40.0576, 31.4034, 27.2427
YIQ	154.3380, 49.5590, 21.4550

Conversions

Conversions Part 2

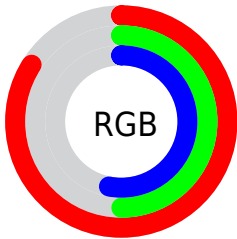
Format	Color
RYB	215, 127, 136
Decimal	14122888
CIELab	62.85, 35.02, 9.92
CIElCh	63, 36.395, 15.811
Yxy	31.4034, 0.4058, 0.3182
Android (android.graphics.Color)	4292312968 (0xFFD77F88)
YUV	154.3380, -9.0406, 53.2006
Hunter-Lab	56.0387, 29.5277, 10.4038

Details

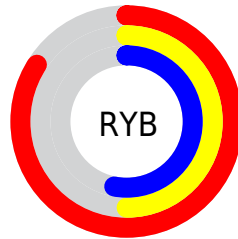
The RYB color **215, 127, 136** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **127, 173, 215**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **255, 181, 189**, and **158, 76, 86** is the 20% darker color. If you saturate the color by 10%, you get **215, 106, 117**, and if you desaturate by 10%, it is **215, 149, 155**.

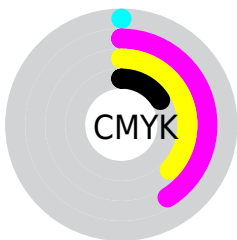
Distribution



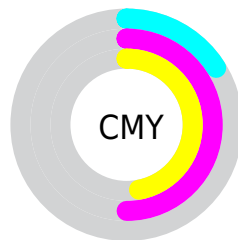
- Red (84%)
- Green (50%)
- Blue (53%)



- Red (84%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (41%)
- Yellow (37%)
- Black (16%)




- Cyan (16%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 127, 136 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 215, 127, 136 by changing the saturation by 10% instead.

 215, 127, 136


255, 255, 255

 255, 181, 189

 255, 209, 217

 255, 238, 245

 215, 127, 136

 186, 101, 111

 158, 76, 86

 130, 51, 63

 102, 26, 41


 76, 0, 21

 52, 0, 0

 11, 0, 0

 0, 0, 0

 215, 127, 136


 215, 127, 136

 215, 106, 117


 215, 149, 155

 215, 84, 97

 215, 170, 175

 215, 62, 78

 215, 192, 194

 215, 41, 59

 215, 213, 213

 215, 20, 39

 215, 226, 235

 215, 0, 22

 215, 236, 255

 215, 235, 255

Harmonies

Analogous

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



205, 128, 169



215, 127, 136



208, 144, 107

Triad

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



215, 127, 136



106, 164, 150



75, 128, 214

Complementary

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



215, 127, 136



127, 173, 215

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, 90, 197



215, 127, 136



77, 133, 168

Square

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



215, 127, 136



89, 156, 89



15, 92, 169



132, 146, 214

Rectangle

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



215, 127, 136



195, 182, 94



15, 92, 169



52, 117, 210

Sweetspot

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



215, 127, 136



255, 224, 228



205, 127, 215



128, 110, 111



0, 0, 0



128, 128, 128

Same Dimension

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



215, 127, 136



255, 130, 143



215, 182, 127



107, 96, 97



171, 0, 17



43, 0, 4

Inverse Universe

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



215, 127, 136



255, 130, 143



127, 160, 215



107, 96, 97



171, 0, 17



43, 0, 4

Previews

White Background



This preview shows how the RYB color 215, 127, 136 looks on a white background.

Color Contrast Check

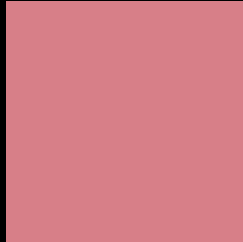
Large Text (above 18pt) WCAG AA × Fail

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 215, 127, 136 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 215, 127, 136 Background



This preview shows how black text looks on a background with the RYB color 215, 127, 136.

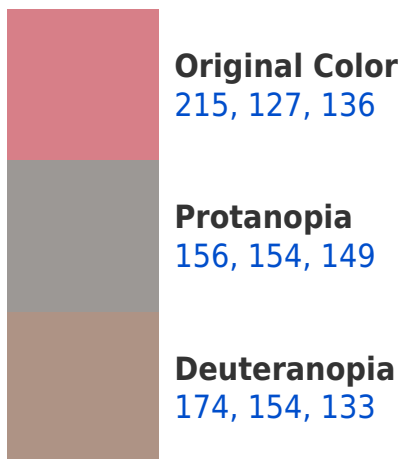


This preview shows how white text looks on a background with the RYB color 215, 127, 136.

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](#).

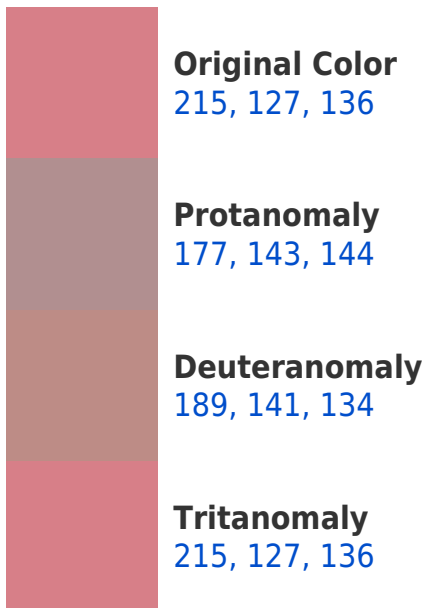
Dichromacy



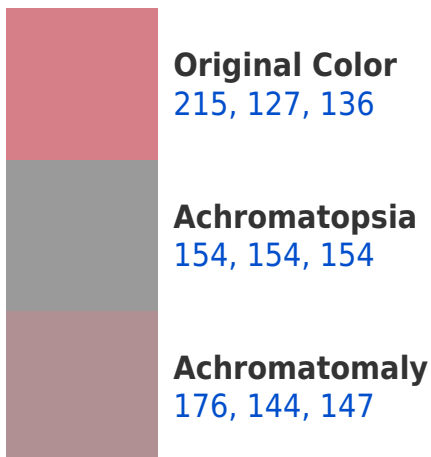


Tritanopia
215, 127, 136

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 127, 136 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, 127, 136) looks like.

```
.text, #text, p{  
    color:rgb(215, 127, 136)  
}
```

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, 127, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 127, 136) }
```

Border

The CSS property to change the border of an element to RYB 215, 127, 136 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, 127, 136) }
```

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

```
.border{ border-color:rgb(215, 127, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 127, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 127, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 127, 136); box-shadow:4px 4px 4px 4px rgb(215, 127, 136) }
```

Background

The CSS property to change the background color of an element to RYB 215, 127, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 127, 136) }
```

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

```
.background{ background-color: rgb(215,  
127, 136) }
```

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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