

Converting Colors

`RYB(174, 164, 237)`

Have a look what the booklet for
RYB(174, 164, 237) contains.

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Color

R_YB(174, 164, 237)

Conversions

Conversions Part 1

Format	Color
Hex	AEA4ED
RGB	174, 164, 237
RGB Percent	68%, 64%, 93%
CMY	0.3176, 0.3569, 0.0706
CMYK	0.27, 0.31, 0.00, 0.07
HSL	248°, 67%, 79%
HSV	248°, 31%, 93%
XYZ	46.0171, 41.6640, 85.7374
YIQ	175.3120, -17.4730, 24.8230

Conversions

Conversions Part 2

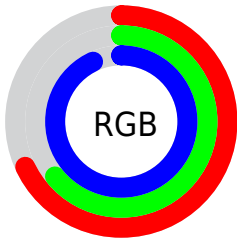
Format	Color
RYB	174, 164, 237
Decimal	11445485
CIELab	70.64, 19.17, -35.31
CIELCh	71, 40.177, 298.498
Yxy	41.6640, 0.2654, 0.2403
Android (android.graphics.Color)	4289635565 (0xFFAEA4ED)
YUV	175.3120, 30.4122, -1.1506
Hunter-Lab	64.5477, 14.2971, -33.5703

Details

The RYB color **174, 164, 237** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **164, 237, 174**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **231, 219, 255**, and **120, 112, 181** is the 20% darker color. If you saturate the color by 10%, you get **154, 140, 237**, and if you desaturate by 10%, it is **194, 188, 237**.

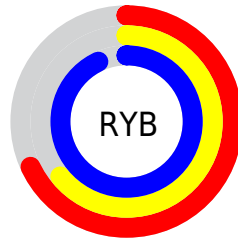
Distribution



Red (68%)

Green (64%)

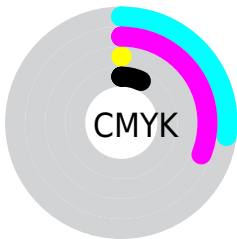
Blue (93%)



Red (68%)

Yellow (64%)

Blue (93%)

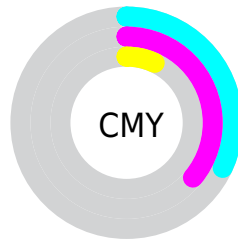


Cyan (27%)

Magenta (31%)

Yellow (0%)

Black (7%)



Cyan (32%)


Magenta (36%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 164, 237 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 174, 164, 237 by changing the saturation by 10% instead.

 174, 164, 237


255, 255, 255

 231, 219, 255

 255, 247, 255

 174, 164, 237


 147, 138, 209

 120, 112, 181

 94, 88, 154

 68, 64, 128

 42, 42, 102

 14, 21, 78

 0, 0, 55

 0, 2, 32

 0, 0, 5

■ 174, 164, 237

■ 174, 164, 237

■ 154, 140, 237

■ 194, 188, 237

■ 133, 117, 237

■ 215, 211, 237

■ 113, 93, 237

■ 235, 235, 237

■ 92, 69, 237

■ 237, 255, 237

■ 72, 45, 237

■ 51, 22, 237

■ 32, 0, 237

Harmonies

Analogous

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



115, 157, 245



174, 164, 237



217, 151, 212

Triad

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



174, 164, 237



227, 187, 111



63, 134, 192

Complementary

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



174, 164, 237



164, 237, 174

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.



117, 176, 189



174, 164, 237



138, 198, 99

Square

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



174, 164, 237



243, 148, 140



107, 181, 127



0, 99, 206

Rectangle

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



174, 164, 237



235, 145, 188



107, 181, 127



83, 147, 191

Sweetspot

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



174, 164, 237



235, 232, 255



164, 198, 237



115, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



174, 164, 237



174, 161, 255



210, 164, 237



107, 106, 117



25, 0, 181



7, 0, 54

Inverse Universe

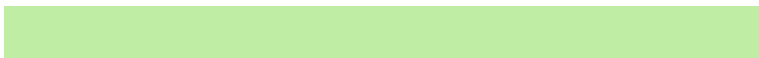
The Inverse Universe completely reimagines the original color for something new.



237, 164, 227



255, 161, 242



164, 237, 210



117, 106, 116



181, 0, 156



54, 0, 46

Previews

White Background



This preview shows how the RYB color 174, 164, 237 looks on a white background.

Color Contrast Check

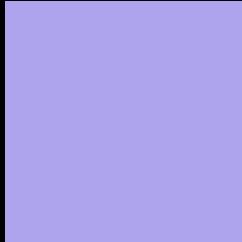
Large Text (above 18pt) WCAG AA × Fail

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 174, 164, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

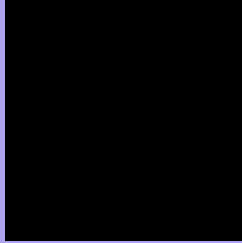
Any Text WCAG AA ✓ Pass

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 174, 164, 237 Background



This preview shows how black text looks on a background with the RYB color 174, 164, 237.



This preview shows how white text looks on a background with the RYB color 174, 164, 237.

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](#).

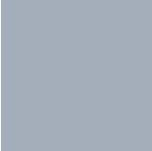
Dichromacy



Original Color
174, 164, 237

Protanopia
151, 167, 242

Deuteranopia
154, 167, 236



Tritanopia
164, 171, 187

Trichromacy



Original Color
174, 164, 237

Protanomaly
159, 167, 240

Deuteranomaly
161, 167, 236

Tritanomaly
168, 170, 205

Monochromacy



Original Color
174, 164, 237

Achromatopsia
175, 175, 175

Achromatomaly
175, 171, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 164, 237 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(174, 164, 237)` looks like.

```
.text, #text, p{  
    color:rgb(174, 164, 237)  
}
```

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(174, 164, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 164, 237) }
```

Border

The CSS property to change the border of an element to RYB 174, 164, 237 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(174, 164, 237) }
```

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

```
.border{ border-color:rgb(174, 164, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 164, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 164, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 164, 237);  
box-shadow:4px 4px 4px 4px rgb(174, 164,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 174, 164, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 164, 237) }
```

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

```
.background{ background-color: rgb(174,  
164, 237) }
```

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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