

Converting Colors

`RYB(177, 164, 224)`

Have a look what the booklet for
RYB(177, 164, 224) contains.

RYB(177, 164, 224)	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(177, 164, 224)

Conversions

Conversions Part 1

Format	Color
Hex	B1A4E0
RGB	177, 164, 224
RGB Percent	69%, 64%, 88%
CMY	0.3059, 0.3569, 0.1216
CMYK	0.21, 0.27, 0.00, 0.12
HSL	253°, 49%, 76%
HSV	253°, 27%, 88%
XYZ	44.8615, 41.2798, 76.1244
YIQ	174.7270, -11.5120, 21.4160

Conversions

Conversions Part 2

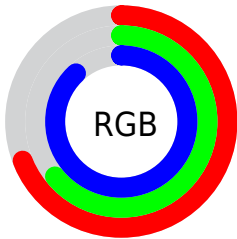
Format	Color
R_{YB}	177, 164, 224
Decimal	11642080
CIE _{Lab}	70.37, 17.01, -28.59
CIE _{LCh}	70, 33.267, 300.744
Yxy	41.2798, 0.2765, 0.2544
Android (android.graphics.Color)	4289832160 (0xFFB1A4E0)
YUV	174.7270, 24.2916, 1.9934
Hunter-Lab	64.2494, 12.1993, -25.2738

Details

The RYB color **177, 164, 224** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **164, 224, 177**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **233, 219, 255**, and **123, 112, 169** is the 20% darker color. If you saturate the color by 10%, you get **159, 142, 224**, and if you desaturate by 10%, it is **195, 186, 224**.

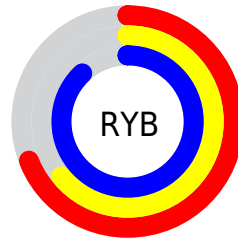
Distribution



Red (69%)

Green (64%)

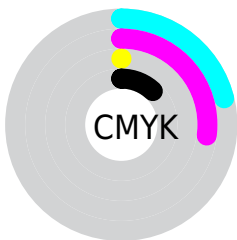
Blue (88%)



Red (69%)

Yellow (64%)

Blue (88%)

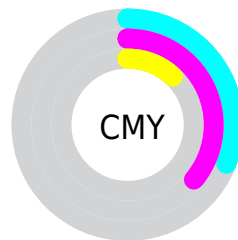


Cyan (21%)

Magenta (27%)

Yellow (0%)

Black (12%)



Cyan (31%)


Magenta (36%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 164, 224 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 177, 164, 224 by changing the saturation by 10% instead.


 177, 164, 224

255, 255, 255


 233, 219, 255


 255, 247, 255

 177, 164, 224


 150, 138, 196

 123, 112, 169

 98, 88, 142

 73, 64, 116

 49, 42, 91

 24, 22, 68

 5, 0, 45

 0, 1, 24

 0, 0, 0

■ 177, 164, 224

■ 177, 164, 224

■ 159, 142, 224

■ 195, 186, 224

■ 142, 119, 224

■ 212, 209, 224

■ 124, 97, 224

■ 224, 231, 225

■ 107, 74, 224

■ 224, 254, 231

■ 89, 52, 224

■ 224, 255, 224

■ 72, 30, 224

■ 54, 7, 224

■ 49, 0, 224

Harmonies

Analogous

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



132, 162, 232



177, 164, 224



211, 154, 202

Triad

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



177, 164, 224



217, 188, 120



89, 144, 189

Complementary

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



177, 164, 224



164, 224, 177

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.



125, 173, 186



177, 164, 224



141, 192, 111

Square

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



177, 164, 224



231, 153, 143



119, 180, 139



67, 131, 202

Rectangle

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



177, 164, 224



225, 150, 183



119, 180, 139



100, 152, 188

Sweetspot

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



177, 164, 224



239, 235, 255



164, 190, 224



118, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



177, 164, 224



191, 173, 255



207, 164, 224



103, 101, 112



38, 0, 176



10, 0, 48

Inverse Universe

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



224, 164, 211



255, 173, 237



164, 224, 207



112, 101, 110



176, 0, 138



48, 0, 38

Previews

White Background



This preview shows how the RYB color 177, 164, 224 looks on a white background.

Color Contrast Check

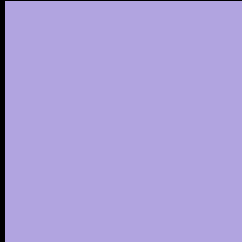
Large Text (above 18pt) WCAG AA × Fail

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 177, 164, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

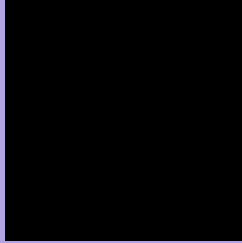
Any Text WCAG AA ✓ Pass

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 177, 164, 224 Background



This preview shows how black text looks on a background with the RYB color 177, 164, 224.



This preview shows how white text looks on a background with the RYB color 177, 164, 224.

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

177, 164, 224

Protanopia

156, 168, 228

Deuteranopia

162, 168, 223



Tritanopia
170, 171, 185

Trichromacy



Original Color

177, 164, 224

Protanomaly

164, 168, 227

Deuteranomaly

167, 167, 223

Tritanomaly

173, 168, 199

Monochromacy



Original Color

177, 164, 224

Achromatopsia

175, 175, 175

Achromatomaly

176, 171, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 164, 224 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(177, 164, 224)` looks like.

```
.text, #text, p{  
    color:rgb(177, 164, 224)  
}
```

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(177, 164, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 164, 224) }
```

Border

The CSS property to change the border of an element to RYB 177, 164, 224 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(177, 164, 224) }
```

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

```
.border{ border-color:rgb(177, 164, 224) }
```

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

Here you see how a box with a 4 pixel rgb(177, 164, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 164, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 164, 224);  
box-shadow:4px 4px 4px 4px rgb(177, 164,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 177, 164, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 164, 224) }
```

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

```
.background{ background-color: rgb(177,  
164, 224) }
```

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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