

Converting Colors

`RYB(173, 176, 224)`

Have a look what the booklet for RYB(173, 176, 224) contains.

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Color

$\text{RYB}(173, 176, 224)$

Conversions

Conversions Part 1

Format	Color
Hex	ADB0E0
RGB	173, 176, 224
RGB Percent	68%, 69%, 88%
CMY	0.3216, 0.3091, 0.1216
CMYK	0.23, 0.21, 0.00, 0.12
HSL	236°, 45%, 78%
HSV	236°, 23%, 88%
XYZ	46.2503, 45.3903, 76.8446
YIQ	180.5750, -17.1960, 14.2920

Conversions

Conversions Part 2

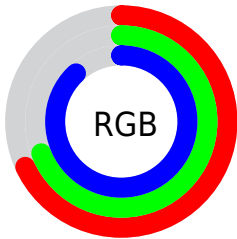
Format	Color
RYB	173, 176, 224
Decimal	11383008
CIELab	73.15, 9.01, -24.36
CIELCh	73, 25.977, 290.306
Yxy	45.3903, 0.2745, 0.2694
Android (android.graphics.Color)	4289573088 (0xFFADB0E0)
YUV	180.5750, 21.4085, -6.6433
Hunter-Lab	67.3723, 4.6364, -20.4653

Details

The RYB color **173, 176, 224** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **176, 224, 173**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **229, 232, 255**, and **120, 124, 169** is the 20% darker color. If you saturate the color by 10%, you get **151, 155, 224**, and if you desaturate by 10%, it is **195, 197, 224**.

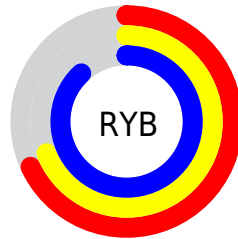
Distribution



Red (68%)

Green (69%)

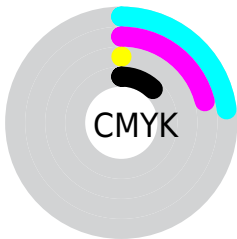
Blue (88%)



Red (68%)

Yellow (69%)

Blue (88%)

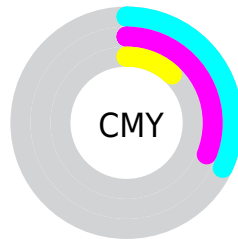


Cyan (23%)

Magenta (21%)

Yellow (0%)

Black (12%)



Cyan (32%)

Magenta (31%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 176, 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 173, 176, 224 by changing the saturation by 10% instead.

■ 173, 176, 224

255, 255, 255

■ 229, 232, 255

■ 173, 176, 224

■ 146, 150, 196

■ 120, 124, 169

■ 94, 99, 142

■ 70, 75, 116

■ 45, 52, 92

■ 21, 30, 68

■ 0, 6, 45

■ 0, 1, 24

■ 0, 0, 0

■ 173, 176, 224

■ 173, 176, 224

■ 151, 155, 224

■ 195, 197, 224

■ 128, 134, 224

■ 218, 218, 224

■ 106, 113, 224

■ 225, 240, 224

■ 83, 91, 224

■ 224, 255, 224

■ 61, 70, 224

■ 39, 49, 224

■ 16, 28, 224

■ 0, 13, 224

Harmonies

Analogous

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



140, 169, 226



173, 176, 224



203, 168, 210

Triad

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



173, 176, 224



222, 179, 144



127, 167, 193

Complementary

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



173, 176, 224



176, 224, 173

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.



149, 189, 185



173, 176, 224



182, 204, 133

Square

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



173, 176, 224



228, 163, 164



135, 183, 138



111, 152, 195

Rectangle

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



173, 176, 224



217, 164, 196



135, 183, 138



135, 173, 192

Sweetspot

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



173, 176, 224



237, 238, 255



173, 199, 224



117, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



173, 176, 224



186, 190, 255



195, 173, 224



101, 102, 112



0, 10, 176



0, 3, 48

Inverse Universe

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



224, 173, 176



255, 186, 190



173, 224, 195



112, 101, 102



176, 0, 11



48, 0, 3

Previews

White Background



This preview shows how the RYB color 173, 176, 224 looks on a white background.

Color Contrast Check

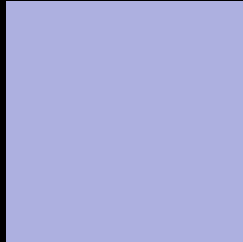
Large Text (above 18pt) WCAG AA × Fail

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 173, 176, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

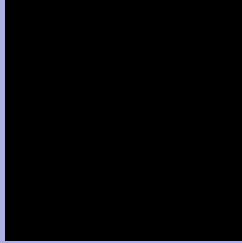
Any Text WCAG AA ✓ Pass

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 173, 176, 224 Background



This preview shows how black text looks on a background with the RYB color 173, 176, 224.



This preview shows how white text looks on a background with the RYB color 173, 176, 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
173, 176, 224

Protanopia
168, 177, 225

Deuteranopia
174, 176, 224



Tritanopia
168, 177, 196

Trichromacy



Original Color
173, 176, 224

Protanomaly
170, 176, 225

Deuteranomaly
174, 176, 224

Tritanomaly
170, 177, 206

Monochromacy



Original Color
173, 176, 224

Achromatopsia
181, 181, 181

Achromatomaly
178, 179, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 176, 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(173, 176, 224)` looks like.

```
.text, #text, p{  
    color:rgb(173, 176, 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(173, 176, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 176, 224) }
```

Border

The CSS property to change the border of an element to RYB 173, 176, 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(173, 176, 224) }
```

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

```
.border{ border-color:rgb(173, 176, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 176, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 176, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 176, 224);  
box-shadow:4px 4px 4px 4px rgb(173, 176,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 173, 176, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 176, 224) }
```

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

```
.background{ background-color: rgb(173,  
176, 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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