

Converting Colors

`RYB(170, 184, 244)`

Have a look what the booklet for
RYB(170, 184, 244) contains.

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Color

R_YB(170, 184, 244)

Conversions

Conversions Part 1

Format	Color
Hex	AABBF4
RGB	170, 187, 244
RGB Percent	67%, 73%, 96%
CMY	0.3333, 0.2656, 0.0431
CMYK	0.30, 0.23, 0.00, 0.04
HSL	226°, 77%, 81%
HSV	226°, 30%, 96%
XYZ	50.7336, 50.7316, 92.7062
YIQ	188.4150, -28.4290, 14.1230

Conversions

Conversions Part 2

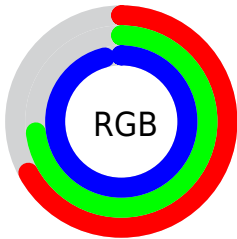
Format	Color
RYB	170, 184, 244
Decimal	11189236
CIELab	76.52, 6.82, -30.05
CIELCh	77, 30.812, 282.779
Yxy	50.7316, 0.2613, 0.2613
Android (android.graphics.Color)	4289379316 (0xFFAABBF4)
YUV	188.4150, 27.4034, -16.1500
Hunter-Lab	71.2261, 2.4980, -27.3121

Details

The RYB color **170, 184, 244** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **192, 244, 170**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **227, 237, 255**, and **116, 130, 188** is the 20% darker color. If you saturate the color by 10%, you get **146, 165, 244**, and if you desaturate by 10%, it is **194, 204, 244**.

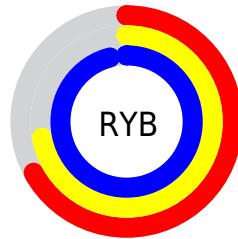
Distribution



Red (67%)

Green (73%)

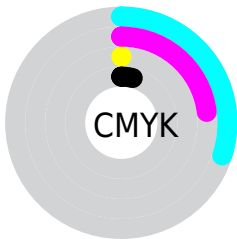
Blue (96%)



Red (67%)

Yellow (72%)

Blue (96%)

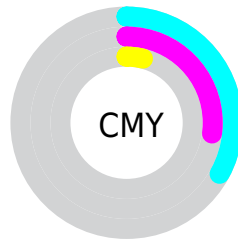


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 184, 244 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 170, 184, 244 by changing the saturation by 10% instead.

■ 170, 184, 244

255, 255, 255

■ 227, 237, 255

■ 170, 184, 244

■ 143, 157, 215

■ 116, 130, 188

■ 90, 105, 160

■ 64, 80, 134

■ 37, 56, 109

■ 3, 28, 84

■ 0, 15, 61

■ 0, 3, 38

■ 0, 1, 16

■ 170, 184, 244

■ 170, 184, 244

■ 146, 165, 244

■ 194, 204, 244

■ 121, 144, 244

■ 219, 224, 244

■ 97, 125, 244

■ 243, 243, 244

■ 72, 104, 244

■ 244, 255, 244

■ 48, 85, 244

■ 24, 65, 244

■ 0, 46, 244

Harmonies

Analogous

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



129, 171, 242



170, 184, 244



208, 177, 231

Triad

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



170, 184, 244



241, 180, 151



132, 178, 203

Complementary

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



170, 184, 244



192, 244, 170

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.



146, 199, 180



170, 184, 244



218, 224, 135

Square

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



170, 184, 244



246, 168, 177



140, 197, 133



106, 157, 205

Rectangle

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



170, 184, 244



228, 172, 215



140, 197, 133



143, 188, 202

Sweetspot

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



170, 184, 244



232, 236, 255



170, 212, 244



113, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



170, 184, 244



163, 181, 255



190, 170, 244



110, 112, 122



0, 35, 186



0, 11, 59

Inverse Universe

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



244, 170, 187



255, 163, 185



170, 244, 190



122, 110, 113



186, 0, 43



59, 0, 14

Previews

White Background



This preview shows how the RYB color 170, 184, 244 looks on a white background.

Color Contrast Check

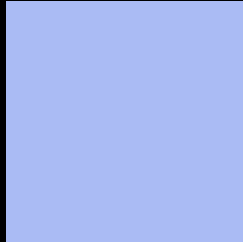
Large Text (above 18pt) WCAG AA × Fail

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 170, 184, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

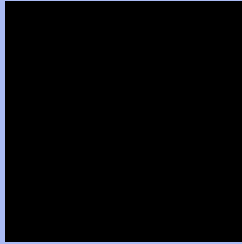
Any Text WCAG AA ✓ Pass

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 170, 184, 244 Background



This preview shows how black text looks on a background with the RYB color 170, 184, 244.



This preview shows how white text looks on a background with the RYB color 170, 184, 244.

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](#).

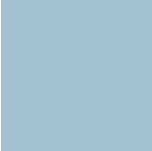
Dichromacy



Original Color
170, 184, 244

Protanopia
174, 184, 243

Deuteranopia
177, 184, 244



Tritanopia
162, 181, 209

Trichromacy



Original Color

170, 184, 244

Protanomaly

173, 184, 243

Deuteranomaly

174, 184, 244

Tritanomaly

165, 183, 222

Monochromacy



Original Color

170, 184, 244

Achromatopsia

189, 189, 189

Achromatomaly

182, 187, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 184, 244 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(170, 187, 244)` looks like.

```
.text, #text, p{  
    color:rgb(170, 187, 244)  
}
```

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(170, 187, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 187, 244) }
```

Border

The CSS property to change the border of an element to RYB 170, 184, 244 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(170, 187, 244) }
```

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

```
.border{ border-color:rgb(170, 187, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 187, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 187, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 187, 244);  
box-shadow:4px 4px 4px 4px rgb(170, 187,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 170, 184, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 187, 244) }
```

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

```
.background{ background-color: rgb(170,  
187, 244) }
```

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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