

Converting Colors

RGB(170, 187, 249)

Have a look what the booklet for
RGB(170, 187, 249) contains.

RGB(170, 187, 249)	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

RGB(170, 187, 249)

Conversions

Conversions Part 1

Format	Color
Hex	AABBF9
RGB	170, 187, 249
RGB Percent	67%, 73%, 98%
CMY	0.3333, 0.2667, 0.0235
CMYK	0.32, 0.25, 0.00, 0.02
HSL	227°, 87%, 82%
HSV	227°, 32%, 98%
XYZ	51.4468, 50.9262, 96.7407
YIQ	188.9850, -30.0340, 15.6780

Conversions

Conversions Part 2

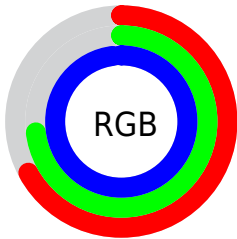
Format	Color
RYB	170, 184, 249
Decimal	11189241
CIELab	76.63, 8.20, -32.56
CIElCh	77, 33.573, 284.133
Yxy	50.9262, 0.2584, 0.2558
Android (android.graphics.Color)	4289379321 (0xFFAABBF9)
YUV	188.9850, 29.5874, -16.6498
Hunter-Lab	71.3626, 3.7997, -30.4210

Details

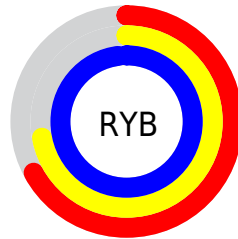
The RGB color **170, 187, 249** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **249, 232, 170**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **227, 243, 255**, and **116, 134, 192** is the 20% darker color. If you saturate the color by 10%, you get **145, 167, 249**, and if you desaturate by 10%, it is **195, 207, 249**.

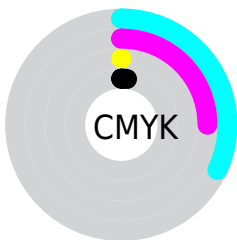
Distribution



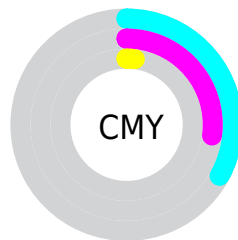
- Red (67%)
- Green (73%)
- Blue (98%)



- Red (67%)
- Yellow (72%)
- Blue (98%)



- Cyan (32%)
- Magenta (25%)
- Yellow (0%)
- Black (2%)



- Cyan (33%)
- Magenta (27%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 187, 249 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 RGB color 170, 187, 249 by changing the saturation by 10% instead.

■ 170, 187, 249

255, 255, 255

■ 227, 243, 255

■ 170, 187, 249

■ 142, 160, 220

■ 116, 134, 192

■ 89, 109, 165

■ 63, 85, 138


■ 35, 62, 113

■ 0, 40, 88

■ 0, 20, 64

■ 0, 3, 42


■ 0, 1, 20

 170, 187, 249


 170, 187, 249

 145, 167, 249


 195, 207, 249

 120, 148, 249

 220, 226, 249

 95, 128, 249

 245, 246, 249

 70, 109, 249

 255, 255, 249

 45, 89, 249

 21, 70, 249

 0, 54, 249

Harmonies

Analogous

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



123, 197, 248



170, 187, 249



212, 176, 234

Triad

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



170, 187, 249



245, 172, 147



125, 205, 171

Complementary

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



170, 187, 249



249, 232, 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.



161, 200, 144



170, 187, 249



225, 181, 130

Square

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



170, 187, 249



251, 166, 175



196, 192, 128



94, 206, 203

Rectangle

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



170, 187, 249



232, 170, 217



196, 192, 128



137, 204, 161

Sweetspot

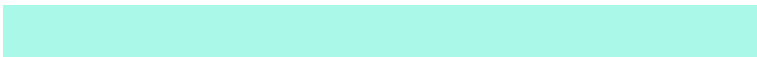
The Sweet Spot groups the original color and five complimentary colors.



170, 187, 249



230, 235, 255



170, 249, 232



112, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



170, 187, 249



158, 179, 255



192, 170, 249



112, 115, 125



0, 41, 189



0, 13, 61

Inverse Universe

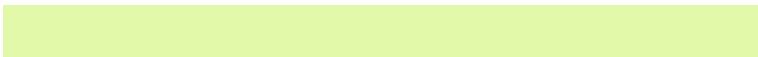
The Inverse Universe completely reimagines the original color for something new.



249, 170, 187



255, 158, 179



227, 249, 170



125, 112, 115



189, 0, 41



61, 0, 13

Previews

White Background



This preview shows how the RGB color 170, 187, 249 looks on a white background.

Color Contrast Check

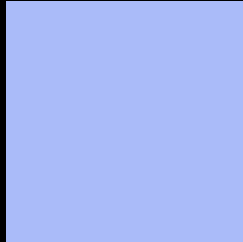
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 170, 187, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

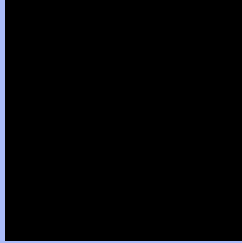
Any Text WCAG AA ✓ Pass

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](#).

RGB 170, 187, 249 Background



This preview shows how black text looks on a background with the RGB color 170, 187, 249.



This preview shows how white text looks on a background with the RGB color 170, 187, 249.

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, 187, 249

Protanopia
172, 187, 249

Deuteranopia
174, 186, 249



Tritanopia
161, 194, 210

Trichromacy



Original Color
170, 187, 249

Protanomaly
171, 187, 249

Deuteranomaly
173, 186, 249

Tritanomaly
164, 191, 224

Monochromacy



Original Color
170, 187, 249

Achromatopsia
189, 189, 189

Achromatomaly
182, 188, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 187, 249 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(170, 187, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 187, 249) }
```

Border

The CSS property to change the border of an element to RGB 170, 187, 249 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, 249) }
```

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

```
.border{ border-color:rgb(170, 187, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 187, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 187, 249);  
box-shadow:4px 4px 4px 4px rgb(170, 187,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 170, 187, 249 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, 249) }
```

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

```
.background{ background-color: rgb(170,  
187, 249) }
```

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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