

Converting Colors

RGB(170, 170, 248)

Have a look what the booklet for
RGB(170, 170, 248) contains.

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Color

RGB(170, 170, 248)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AAAAF8 |
| RGB | 170, 170, 248 |
| RGB Percent | 67%, 67%, 97% |
| CMY | 0.3333, 0.3333, 0.0275 |
| CMYK | 0.31, 0.31, 0.00, 0.03 |
| HSL | 240°, 85%, 82% |
| HSV | 240°, 31%, 97% |
| XYZ | 47.8956, 44.0728, 94.7895 |
| YIQ | 178.8920, -25.0380, 24.2580 |

Conversions

Conversions Part 2

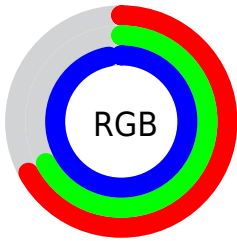
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 170, 170, 248 |
| Decimal | 11184888 |
| CIE Lab | 72.28, 17.38, -38.77 |
| CIE LCh | 72, 42.484, 294.145 |
| Yxy | 44.0728, 0.2565, 0.2360 |
| Android (android.graphics.Color) | 4289374968 (0xFFAAAF8) |
| YUV | 178.8920, 34.0702, -7.7983 |
| Hunter-Lab | 66.3874, 12.6021, -38.1845 |

Details

The RGB color **170, 170, 248** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **248, 248, 170**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **227, 225, 255**, and **115, 118, 191** is the 20% darker color. If you saturate the color by 10%, you get **145, 145, 248**, and if you desaturate by 10%, it is **195, 195, 248**.

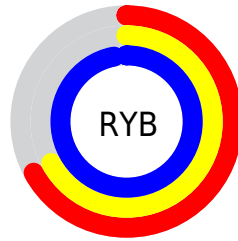
Distribution



Red (67%)

Green (67%)

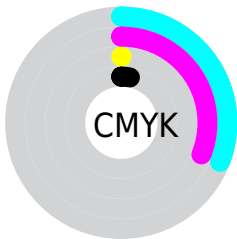
Blue (97%)



Red (67%)

Yellow (67%)

Blue (97%)

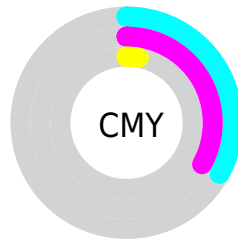


Cyan (31%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (33%)

Magenta (33%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 170, 248 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, 170, 248 by changing the saturation by 10% instead.

■ 170, 170, 248

255, 255, 255

■ 227, 225, 255

255, 254, 255

■ 170, 170, 248

■ 142, 144, 219

■ 115, 118, 191

■ 89, 93, 164

■ 62, 70, 137

■ 34, 48, 112


■ 0, 27, 87


■ 0, 1, 63

■ 0, 3, 40


■ 0, 1, 18

 170, 170, 248

 170, 170, 248

 145, 145, 248

 195, 195, 248

 120, 120, 248

 220, 220, 248

 96, 96, 248


 244, 244, 248

 71, 71, 248

 255, 255, 248

 46, 46, 248

 21, 21, 248

 0, 0, 248

Harmonies

Analogous

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



103, 183, 254



170, 170, 248



219, 156, 223

Triad

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



170, 170, 248



238, 159, 116



67, 197, 168

Complementary

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



170, 170, 248



248, 248, 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.



125, 193, 130



170, 170, 248



209, 172, 99

Square

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



170, 170, 248



252, 148, 147



170, 184, 105



0, 197, 208

Rectangle

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



170, 170, 248



240, 149, 199



170, 184, 105



89, 196, 155

Sweetspot

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



170, 170, 248



232, 232, 255



170, 248, 248



113, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



170, 170, 248



158, 158, 255



209, 170, 248



112, 112, 125



0, 0, 189



0, 0, 61

Inverse Universe

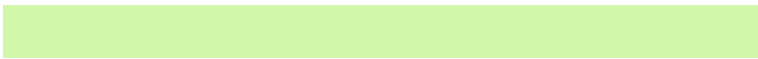
The Inverse Universe completely reimagines the original color for something new.



248, 170, 248



255, 158, 255



209, 248, 170



125, 112, 125



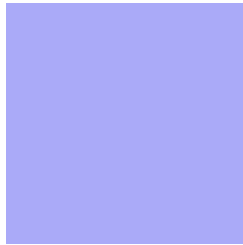
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RGB color 170, 170, 248 looks on a white background.

Color Contrast Check

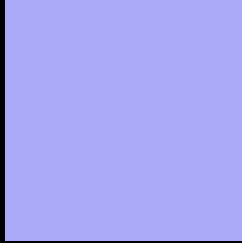
Large Text (above 18pt) WCAG AA × Fail

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, 170, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

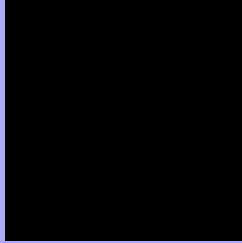
Any Text WCAG AA ✓ Pass

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, 170, 248 Background



This preview shows how black text looks on a background with the RGB color 170, 170, 248.



This preview shows how white text looks on a background with the RGB color 170, 170, 248.

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](#).

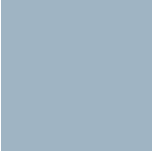
Dichromacy



Original Color
170, 170, 248

Protanopia
153, 174, 252

Deuteranopia
153, 175, 247



Tritanopia
159, 180, 195

Trichromacy



Original Color
170, 170, 248

Protanomaly
159, 173, 251

Deuteranomaly
159, 173, 247

Tritanomaly
163, 176, 214

Monochromacy



Original Color
170, 170, 248

Achromatopsia
179, 179, 179

Achromatomaly
176, 176, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 170, 248 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, 170, 248)` looks like.

```
.text, #text, p{  
    color:rgb(170, 170, 248)  
}
```

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, 170, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 170, 248) }
```

Border

The CSS property to change the border of an element to RGB 170, 170, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

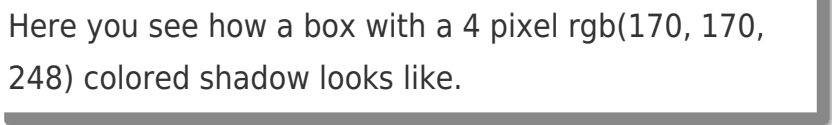
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 170, 248) }
```

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

```
.border{ border-color:rgb(170, 170, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 170, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 170, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 170, 248); box-shadow:4px 4px 4px 4px rgb(170, 170, 248) }
```

Background

The CSS property to change the background color of an element to RGB 170, 170, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 170, 248) }
```

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

```
.background{ background-color: rgb(170,  
170, 248) }
```

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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