

Converting Colors

RGB(193, 187, 238)

Have a look what the booklet for
RGB(193, 187, 238) contains.

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Color

RGB(193, 187, 238)

Conversions

Conversions Part 1

Format	Color
Hex	C1BBEE
RGB	193, 187, 238
RGB Percent	76%, 73%, 93%
CMY	0.2431, 0.2667, 0.0667
CMYK	0.19, 0.21, 0.00, 0.07
HSL	247°, 60%, 83%
HSV	247°, 21%, 93%
XYZ	55.1953, 53.0512, 88.2197
YIQ	194.6080, -12.7950, 17.1330

Conversions

Conversions Part 2

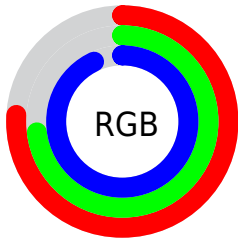
Format	Color
R_{YB}	193, 187, 238
Decimal	12696558
CIE _{Lab}	77.91, 12.39, -24.55
CIE _{LCh}	78, 27.493, 296.774
Yxy	53.0512, 0.2809, 0.2700
Android (android.graphics.Color)	4290886638 (0xFFC1BBEE)
YUV	194.6080, 21.3923, -1.4102
Hunter-Lab	72.8362, 7.8038, -20.8271

Details

The RGB color **193, 187, 238** is a light color, and the websafe version is hex **C4CCFF**. A complement of this color would be **232, 238, 187**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **250, 243, 255**, and **139, 134, 182** is the 20% darker color. If you saturate the color by 10%, you get **172, 163, 238**, and if you desaturate by 10%, it is **214, 211, 238**.

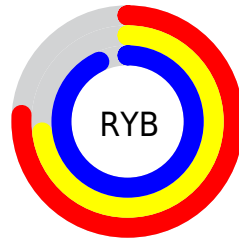
Distribution



Red (76%)

Green (73%)

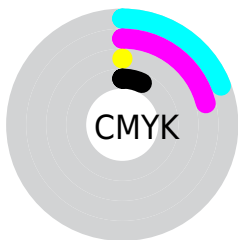
Blue (93%)



Red (76%)

Yellow (73%)

Blue (93%)

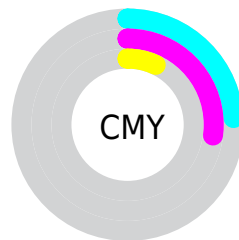


Cyan (19%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (27%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 187, 238 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 193, 187, 238 by changing the saturation by 10% instead.

■ 193, 187, 238

255, 255, 255

■ 250, 243, 255

■ 193, 187, 238

■ 166, 160, 210

■ 139, 134, 182

■ 113, 109, 155

■ 88, 84, 129

■ 63, 61, 104

■ 40, 39, 79


■ 16, 19, 56

■ 0, 0, 35


■ 0, 0, 9

 193, 187, 238


 193, 187, 238

 172, 163, 238

 214, 211, 238

 151, 139, 238

 235, 235, 238

 130, 116, 238

 255, 255, 238

 109, 92, 238

 88, 68, 238

 67, 44, 238

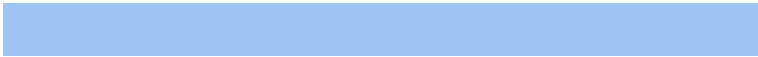
 46, 20, 238

 28, 0, 238

Harmonies

Analogous

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



157, 196, 243



193, 187, 238



223, 179, 221

Triad

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



193, 187, 238



234, 182, 151



131, 207, 189

Complementary

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



193, 187, 238



232, 238, 187

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.



158, 204, 164



193, 187, 238



214, 190, 142

Square

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



193, 187, 238



244, 175, 171



187, 198, 147



118, 206, 215

Rectangle

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



193, 187, 238



236, 175, 205



187, 198, 147



139, 206, 180

Sweetspot

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



193, 187, 238



242, 240, 255



187, 232, 238



120, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 187, 238



197, 189, 255



218, 187, 238



109, 108, 120



22, 0, 184



7, 0, 56

Inverse Universe

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



238, 187, 232



255, 189, 247



207, 238, 187



120, 108, 118



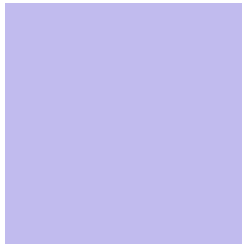
184, 0, 162



56, 0, 49

Previews

White Background



This preview shows how the RGB color 193, 187, 238 looks on a white background.

Color Contrast Check

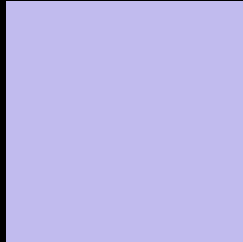
Large Text (above 18pt) WCAG AA × Fail

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 193, 187, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

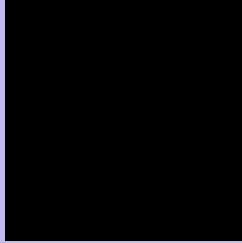
Any Text WCAG AA ✓ Pass

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 193, 187, 238 Background



This preview shows how black text looks on a background with the RGB color 193, 187, 238.



This preview shows how white text looks on a background with the RGB color 193, 187, 238.

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](#).

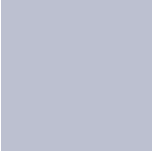
Dichromacy



Original Color
193, 187, 238

Protanopia
180, 191, 240

Deuteranopia
188, 189, 238



Tritanopia
188, 192, 208

Trichromacy



Original Color
193, 187, 238

Protanomaly
185, 190, 239

Deuteranomaly
190, 188, 238

Tritanomaly
190, 190, 219

Monochromacy



Original Color
193, 187, 238

Achromatopsia
195, 195, 195

Achromatomaly
194, 192, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 187, 238 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(193, 187, 238)` looks like.

```
.text, #text, p{  
    color:rgb(193, 187, 238)  
}
```

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(193, 187, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 187, 238) }
```

Border

The CSS property to change the border of an element to RGB 193, 187, 238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

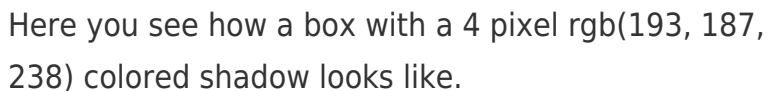
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 187, 238) }
```

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

```
.border{ border-color:rgb(193, 187, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 187, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 187, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 187, 238); box-shadow:4px 4px 4px 4px rgb(193, 187, 238) }
```

Background

The CSS property to change the background color of an element to RGB 193, 187, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 187, 238) }
```

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

```
.background{ background-color: rgb(193,  
187, 238) }
```

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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