

Converting Colors

RGB(195, 186, 227)

Have a look what the booklet for
RGB(195, 186, 227) contains.

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Color

RGB(195, 186, 227)

Conversions

Conversions Part 1

Format	Color
Hex	C3BAE3
RGB	195, 186, 227
RGB Percent	76%, 73%, 89%
CMY	0.2353, 0.2706, 0.1098
CMYK	0.14, 0.18, 0.00, 0.11
HSL	253°, 42%, 81%
HSV	253°, 18%, 89%
XYZ	53.9297, 52.2660, 79.9190
YIQ	193.3650, -7.7970, 14.6590

Conversions

Conversions Part 2

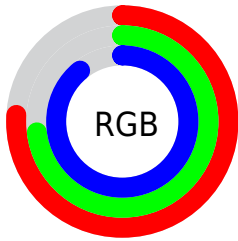
Format	Color
R_{YB}	195, 186, 227
Decimal	12827363
CIE _{Lab}	77.44, 11.18, -19.31
CIE _{LCh}	77, 22.310, 300.072
Yxy	52.2660, 0.2898, 0.2808
Android (android.graphics.Color)	4291017443 (0xFFC3BAE3)
YUV	193.3650, 16.5821, 1.4339
Hunter-Lab	72.2952, 6.6382, -14.9357

Details

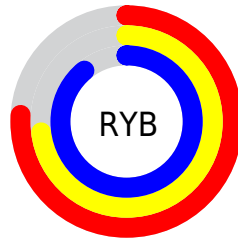
The RGB color **195, 186, 227** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **218, 227, 186**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **252, 242, 255**, and **141, 133, 172** is the 20% darker color. If you saturate the color by 10%, you get **177, 163, 227**, and if you desaturate by 10%, it is **213, 209, 227**.

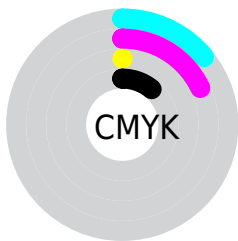
Distribution



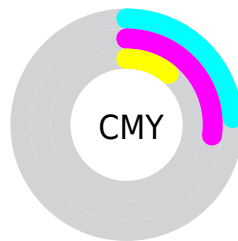
- Red (76%)
- Green (73%)
- Blue (89%)



- Red (76%)
- Yellow (73%)
- Blue (89%)



- Cyan (14%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 186, 227 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 195, 186, 227 by changing the saturation by 10% instead.


 195, 186, 227

255, 255, 255


 252, 242, 255

 195, 186, 227


 168, 159, 199


 141, 133, 172

 115, 108, 145

 90, 83, 119

 66, 60, 94

 43, 39, 71

 21, 18, 48

 0, 1, 27

 0, 0, 0

■ 195, 186, 227

■ 195, 186, 227

■ 177, 163, 227

■ 213, 209, 227

■ 160, 141, 227

■ 230, 231, 227

■ 142, 118, 227

■ 248, 254, 227

■ 124, 95, 227

■ 255, 255, 227

■ 106, 73, 227

■ 89, 50, 227

■ 71, 27, 227

■ 53, 4, 227

■ 50, 0, 227

Harmonies

Analogous

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



167, 193, 232



195, 186, 227



218, 180, 212

Triad

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



195, 186, 227



225, 183, 156



142, 203, 191

Complementary

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



195, 186, 227



218, 227, 186

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, 201, 170



195, 186, 227



207, 190, 150

Square

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



195, 186, 227



234, 178, 172



185, 196, 155



134, 203, 211

Rectangle

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



195, 186, 227



229, 177, 199



185, 196, 155



147, 203, 183

Sweetspot

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



195, 186, 227



245, 242, 255



186, 218, 227



122, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 186, 227



211, 199, 255



215, 186, 227



106, 103, 115



39, 0, 179



11, 0, 51

Inverse Universe

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



227, 186, 218



255, 199, 243



198, 227, 186



115, 103, 112



179, 0, 139



51, 0, 40

Previews

White Background



This preview shows how the RGB color 195, 186, 227 looks on a white background.

Color Contrast Check

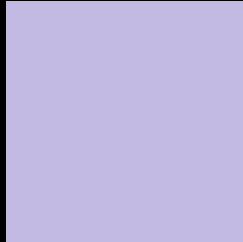
Large Text (above 18pt) WCAG AA × Fail

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 195, 186, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

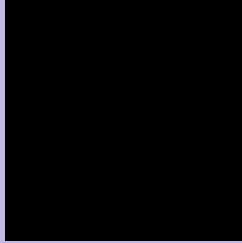
Any Text WCAG AA ✓ Pass

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 195, 186, 227 Background



This preview shows how black text looks on a background with the RGB color 195, 186, 227.



This preview shows how white text looks on a background with the RGB color 195, 186, 227.

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
[195](#), [186](#), [227](#)

Protanopia
[183](#), [190](#), [229](#)

Deuteranopia
[193](#), [187](#), [227](#)



Tritanopia
191, 190, 205

Trichromacy



Original Color
195, 186, 227

Protanomaly
187, 189, 228

Deuteranomaly
194, 187, 227

Tritanomaly
192, 189, 213

Monochromacy



Original Color
195, 186, 227

Achromatopsia
193, 193, 193

Achromatomaly
194, 190, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 186, 227 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(195, 186, 227)` looks like.

```
.text, #text, p{  
    color:rgb(195, 186, 227)  
}
```

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(195, 186, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 186, 227) }
```

Border

The CSS property to change the border of an element to RGB 195, 186, 227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

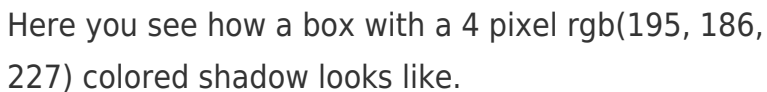
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 186, 227) }
```

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

```
.border{ border-color:rgb(195, 186, 227) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 186, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 186, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 186, 227); box-shadow:4px 4px 4px 4px rgb(195, 186, 227) }
```

Background

The CSS property to change the background color of an element to RGB 195, 186, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 186, 227) }
```

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

```
.background{ background-color: rgb(195,  
186, 227) }
```

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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