

Converting Colors

`RYB(202, 182, 227)`

Have a look what the booklet for RYB(202, 182, 227) contains.

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Color

R_YB(202, 182, 227)

Conversions

Conversions Part 1

Format	Color
Hex	CAB6E3
RGB	202, 182, 227
RGB Percent	79%, 71%, 89%
CMY	0.2078, 0.2863, 0.1098
CMYK	0.11, 0.20, 0.00, 0.11
HSL	267°, 45%, 80%
HSV	267°, 20%, 89%
XYZ	54.9502, 51.5585, 79.7286
YIQ	193.1100, -2.5250, 18.2350

Conversions

Conversions Part 2

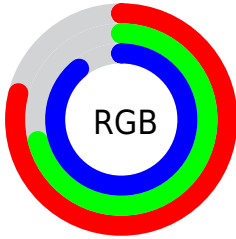
Format	Color
R_{YB}	202, 182, 227
Decimal	13285091
CIE _{Lab}	77.02, 15.60, -19.89
CIE _{LCh}	77, 25.280, 308.101
Yxy	51.5585, 0.2951, 0.2768
Android (android.graphics.Color)	4291475171 (0xFFCAB6E3)
YUV	193.1100, 16.7078, 7.7965
Hunter-Lab	71.8043, 10.9446, -15.5703

Details

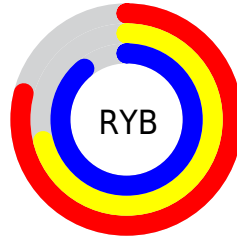
The RYB color **202, 182, 227** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **182, 227, 202**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 238, 255**, and **148, 129, 172** is the 20% darker color. If you saturate the color by 10%, you get **189, 159, 227**, and if you desaturate by 10%, it is **215, 205, 227**.

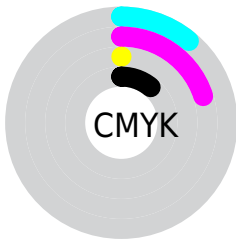
Distribution



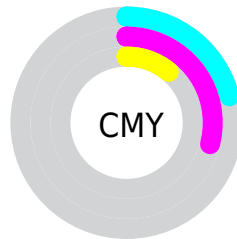
- Red (79%)
- Green (71%)
- Blue (89%)



- Red (79%)
- Yellow (71%)
- Blue (89%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)





- Cyan (21%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 202, 182, 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 RYB color 202, 182, 227 by changing the saturation by 10% instead.

 202, 182, 227


 202, 182, 227

255, 255, 255

 174, 155, 199

 255, 238, 255

 148, 129, 172

 122, 104, 145

 96, 80, 119

 72, 57, 94

 49, 35, 71

 27, 15, 48

 0, 0, 27

 0, 0, 0

■ 202, 182, 227

■ 202, 182, 227

■ 189, 159, 227

■ 215, 205, 227

■ 177, 137, 227

■ 227, 227, 227

■ 164, 114, 227

■ 227, 250, 237

■ 152, 91, 227

■ 227, 255, 230

■ 139, 69, 227

■ 227, 255, 227

■ 126, 46, 227

■ 114, 23, 227

■ 101, 0, 227

Harmonies

Analogous

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



171, 186, 236



202, 182, 227



226, 176, 208

Triad

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



202, 182, 227



223, 215, 147



128, 168, 204

Complementary

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



202, 182, 227



182, 227, 202

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.



149, 186, 202



202, 182, 227



156, 201, 144

Square

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



202, 182, 227



236, 179, 162



153, 197, 175



124, 167, 218

Rectangle

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



202, 182, 227



235, 173, 193



153, 197, 175



134, 173, 203

Sweetspot

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



202, 182, 227



247, 240, 255



182, 198, 227



123, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



202, 182, 227



221, 194, 255



224, 182, 227



108, 103, 115



79, 0, 179



23, 0, 51

Inverse Universe

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



227, 182, 207



255, 194, 228



182, 227, 224



115, 103, 110



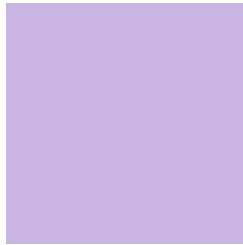
179, 0, 99



51, 0, 28

Previews

White Background



This preview shows how the RYB color 202, 182, 227 looks on a white background.

Color Contrast Check

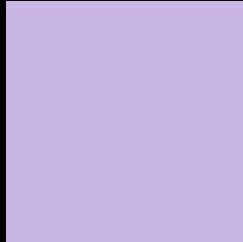
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 202, 182, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

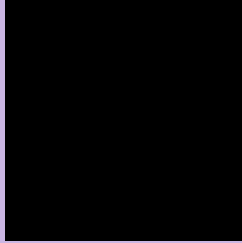
Any Text WCAG AA ✓ Pass

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](#).

RYB 202, 182, 227 Background



This preview shows how black text looks on a background with the RYB color 202, 182, 227.



This preview shows how white text looks on a background with the RYB color 202, 182, 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
202, 182, 227

Protanopia
181, 187, 231

Deuteranopia
191, 186, 226



Tritanopia
198, 187, 201

Trichromacy



Original Color
202, 182, 227

Protanomaly
189, 186, 230

Deuteranomaly
195, 185, 226

Tritanomaly
199, 185, 210

Monochromacy



Original Color
202, 182, 227

Achromatopsia
193, 193, 193

Achromatomaly
196, 189, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 182, 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(202, 182, 227) looks like.

```
.text, #text, p{  
    color:rgb(202, 182, 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(202, 182, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 182, 227) }
```

Border

The CSS property to change the border of an element to RYB 202, 182, 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(202, 182, 227) }
```

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

```
.border{ border-color:rgb(202, 182, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 182, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 182, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 182, 227);  
box-shadow:4px 4px 4px 4px rgb(202, 182,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 202, 182, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 182, 227) }
```

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

```
.background{ background-color: rgb(202,  
182, 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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