

Converting Colors

`RYB(208, 167, 225)`

Have a look what the booklet for
RYB(208, 167, 225) contains.

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Color

R_YB(208, 167, 225)

Conversions

Conversions Part 1

Format	Color
Hex	D0A7E1
RGB	208, 167, 225
RGB Percent	82%, 65%, 88%
CMY	0.1843, 0.3451, 0.1176
CMYK	0.08, 0.26, 0.00, 0.12
HSL	282°, 49%, 77%
HSV	282°, 26%, 88%
XYZ	53.4217, 46.4836, 77.3908
YIQ	185.8710, 5.8180, 26.7300

Conversions

Conversions Part 2

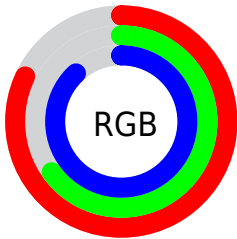
Format	Color
R _Y B	208, 167, 225
Decimal	13674465
CIE Lab	73.86, 25.31, -23.56
CIE LCh	74, 34.579, 317.055
Yxy	46.4836, 0.3013, 0.2622
Android (android.graphics.Color)	4291864545 (0xFFD0A7E1)
YUV	185.8710, 19.2906, 19.4071
Hunter-Lab	68.1789, 20.5512, -19.5757

Details

The RYB color **208, 167, 225** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167, 225, 208**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 222, 255**, and **153, 115, 170** is the 20% darker color. If you saturate the color by 10%, you get **201, 145, 225**, and if you desaturate by 10%, it is **215, 189, 225**.

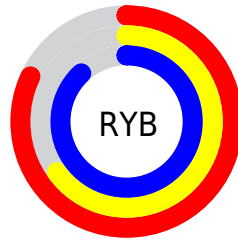
Distribution



Red (82%)

Green (65%)

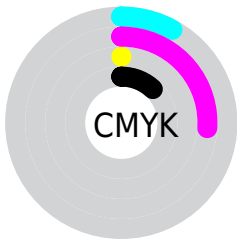
Blue (88%)



Red (82%)

Yellow (65%)

Blue (88%)

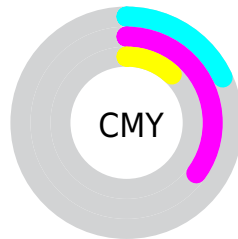


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (12%)



Cyan (18%)

Magenta (35%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 167, 225 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 208, 167, 225 by changing the saturation by 10% instead.


 208, 167, 225

255, 255, 255

 255, 222, 255


 255, 251, 255

 208, 167, 225

 180, 140, 197


 153, 115, 170

 127, 90, 143

 101, 66, 117

 76, 43, 92

 53, 21, 69

 31, 0, 46

 0, 1, 25

 0, 0, 0

■ 208, 167, 225

■ 208, 167, 225

■ 201, 145, 225

■ 215, 189, 225

■ 195, 122, 225

■ 221, 212, 225

■ 188, 99, 225

■ 225, 235, 232

■ 182, 77, 225

■ 225, 255, 246

■ 175, 55, 225

■ 225, 255, 239

■ 168, 32, 225

■ 225, 255, 232

■ 162, 10, 225

■ 225, 255, 226

■ 159, 0, 225

■ 225, 255, 225

Harmonies

Analogous

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



166, 176, 242



208, 167, 225



235, 159, 197

Triad

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



208, 167, 225



192, 216, 120



78, 139, 199

Complementary

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



208, 167, 225



167, 225, 208

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.



111, 164, 198



208, 167, 225



120, 185, 120

Square

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



208, 167, 225



237, 175, 136



137, 193, 181



77, 143, 227

Rectangle

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



208, 167, 225



243, 157, 175



137, 193, 181



87, 146, 199

Sweetspot

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



208, 167, 225



249, 235, 255



167, 180, 225



124, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



208, 167, 225



232, 176, 255



225, 167, 213



109, 101, 112



124, 0, 176



34, 0, 48

Inverse Universe

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



225, 167, 184



255, 176, 199



167, 215, 225



112, 101, 104



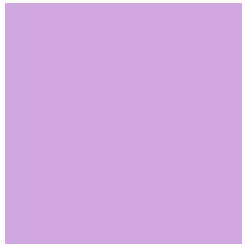
176, 0, 52



48, 0, 14

Previews

White Background



This preview shows how the RYB color 208, 167, 225 looks on a white background.

Color Contrast Check

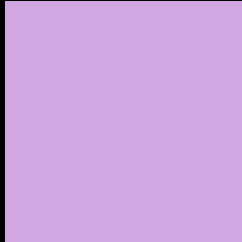
Large Text (above 18pt) WCAG AA × Fail

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 208, 167, 225 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 208, 167, 225 Background



This preview shows how black text looks on a background with the RYB color 208, 167, 225.



This preview shows how white text looks on a background with the RYB color 208, 167, 225.

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
208, 167, 225

Protanopia
168, 178, 234

Deuteranopia
179, 178, 223



Tritanopia
202, 174, 188

Trichromacy



Original Color
208, 167, 225

Protanomaly
183, 175, 231

Deuteranomaly
190, 174, 224

Tritanomaly
204, 171, 201

Monochromacy



Original Color
208, 167, 225

Achromatopsia
186, 186, 186

Achromatomaly
194, 179, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 167, 225 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(208, 167, 225) looks like.

```
.text, #text, p{  
    color:rgb(208, 167, 225)  
}
```

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(208, 167, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 167, 225) }
```

Border

The CSS property to change the border of an element to RYB 208, 167, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

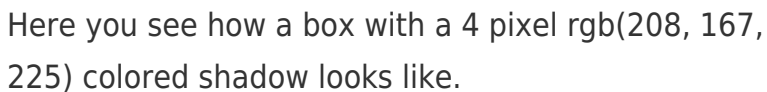
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 167, 225) }
```

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

```
.border{ border-color:rgb(208, 167, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 167, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 167, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 167, 225);  
box-shadow:4px 4px 4px 4px rgb(208, 167,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 208, 167, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 167, 225) }
```

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

```
.background{ background-color: rgb(208,  
167, 225) }
```

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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