

Converting Colors

`RYB(224, 186, 220)`

Have a look what the booklet for RYB(224, 186, 220) contains.

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Color

R_YB(224, 186, 220)

Conversions

Conversions Part 1

Format	Color
Hex	E0BADC
RGB	224, 186, 220
RGB Percent	88%, 73%, 86%
CMY	0.1216, 0.2706, 0.1373
CMYK	0.00, 0.17, 0.02, 0.12
HSL	306°, 38%, 80%
HSV	306°, 17%, 88%
XYZ	61.2176, 56.1324, 75.3183
YIQ	201.2380, 11.7340, 18.6300

Conversions

Conversions Part 2

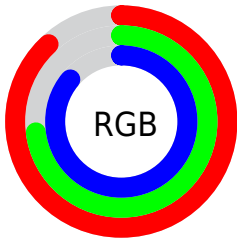
Format	Color
R_{YB}	224, 186, 220
Decimal	14727900
CIE _{Lab}	79.69, 19.35, -11.90
CIE _{LCh}	80, 22.713, 328.409
Yxy	56.1324, 0.3177, 0.2913
Android (android.graphics.Color)	4292917980 (0xFFE0BADC)
YUV	201.2380, 9.2497, 19.9623
Hunter-Lab	74.9216, 14.7378, -7.1588

Details

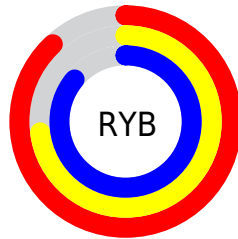
The RYB color **224, 186, 220** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **186, 220, 224**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 242, 255**, and **168, 133, 165** is the 20% darker color. If you saturate the color by 10%, you get **224, 164, 218**, and if you desaturate by 10%, it is **224, 208, 222**.

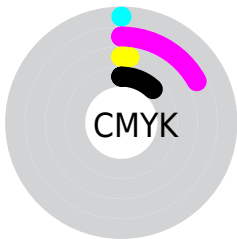
Distribution



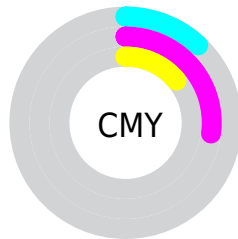
- Red (88%)
- Green (73%)
- Blue (86%)



- Red (88%)
- Yellow (73%)
- Blue (86%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (12%)




- Cyan (12%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 186, 220 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 224, 186, 220 by changing the saturation by 10% instead.

 224, 186, 220


255, 255, 255

 255, 242, 255


 224, 186, 220

 196, 159, 192

 168, 133, 165

 142, 107, 139

 116, 83, 113


 91, 59, 89

 67, 37, 65


 44, 16, 43

 26, 0, 23


 0, 0, 0

 224, 186, 220

 224, 186, 220

 224, 164, 218

 224, 208, 222

 224, 141, 215


 224, 230, 231

 224, 119, 213


 224, 250, 253

 224, 96, 211


 224, 251, 255

 224, 74, 208

 224, 249, 255

 224, 52, 206

 224, 247, 255

 224, 29, 203

 224, 246, 255

 224, 7, 201

 224, 245, 255

 224, 0, 200

 224, 244, 255

Harmonies

Analogous

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



200, 192, 235



224, 186, 220



239, 183, 199

Triad

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



224, 186, 220



183, 215, 155



139, 176, 217

Complementary

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



224, 186, 220



186, 220, 224

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.



148, 183, 210



224, 186, 220



160, 202, 170

Square

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



224, 186, 220



232, 206, 162



168, 201, 207



148, 182, 233

Rectangle

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



224, 186, 220



242, 183, 185



168, 201, 207



140, 175, 210

Sweetspot

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



224, 186, 220



255, 242, 254



190, 186, 224



128, 120, 127



0, 0, 0



128, 128, 128

Same Dimension

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



224, 186, 220



255, 204, 250



224, 186, 201



112, 101, 111



176, 0, 157



48, 0, 43

Inverse Universe

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



224, 186, 220



255, 204, 250



186, 210, 224



112, 101, 111



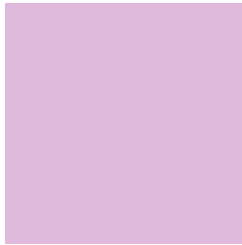
176, 0, 157



48, 0, 43

Previews

White Background



This preview shows how the RYB color 224, 186, 220 looks on a white background.

Color Contrast Check

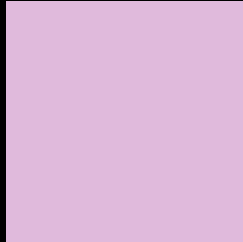
Large Text (above 18pt) WCAG AA × Fail

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 224, 186, 220 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 224, 186, 220 Background



This preview shows how black text looks on a background with the RYB color 224, 186, 220.



This preview shows how white text looks on a background with the RYB color 224, 186, 220.

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
224, 186, 220

Protanopia
193, 196, 227

Deuteranopia
207, 192, 219



Tritanopia
222, 189, 204

Trichromacy



Original Color
224, 186, 220

Protanomaly
204, 192, 224

Deuteranomaly
213, 190, 219

Tritanomaly
223, 188, 210

Monochromacy



Original Color
224, 186, 220

Achromatopsia
201, 201, 201

Achromatomaly
209, 196, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 186, 220 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(224, 186, 220)` looks like.

```
.text, #text, p{  
    color:rgb(224, 186, 220)  
}
```

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(224, 186, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 186, 220) }
```

Border

The CSS property to change the border of an element to RYB 224, 186, 220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

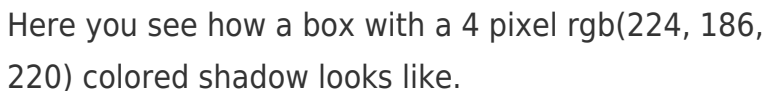
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 186, 220) }
```

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

```
.border{ border-color:rgb(224, 186, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 186, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 186, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 186, 220); box-shadow:4px 4px 4px 4px rgb(224, 186, 220) }
```

Background

The CSS property to change the background color of an element to RYB 224, 186, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 186, 220) }
```

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

```
.background{ background-color: rgb(224,  
186, 220) }
```

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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