

Converting Colors

RGB(227, 209, 242)

Have a look what the booklet for
RGB(227, 209, 242) contains.

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Color

RGB(227, 209, 242)

Conversions

Conversions Part 1

Format	Color
Hex	E3D1F2
RGB	227, 209, 242
RGB Percent	89%, 82%, 95%
CMY	0.1098, 0.1804, 0.0510
CMYK	0.06, 0.14, 0.00, 0.05
HSL	273°, 56%, 88%
HSV	273°, 14%, 95%
XYZ	70.5060, 68.3426, 93.4798
YIQ	218.1440, 0.1350, 14.0790

Conversions

Conversions Part 2

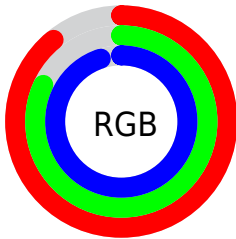
Format	Color
R_{YB}	227, 209, 242
Decimal	14930418
CIE _{Lab}	86.18, 12.20, -13.92
CIE _{LCh}	86, 18.507, 311.234
Yxy	68.3426, 0.3035, 0.2942
Android (android.graphics.Color)	4293120498 (0xFFE3D1F2)
YUV	218.1440, 11.7610, 7.7667
Hunter-Lab	82.6696, 7.5647, -9.1743

Details

The RGB color **227, 209, 242** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **224, 242, 209**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 155, 186** is the 20% darker color. If you saturate the color by 10%, you get **216, 185, 242**, and if you desaturate by 10%, it is **238, 233, 242**.

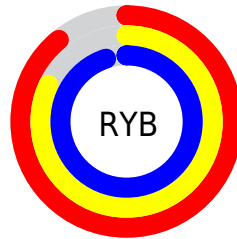
Distribution



Red (89%)

Green (82%)

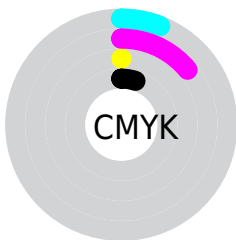
Blue (95%)



Red (89%)

Yellow (82%)

Blue (95%)

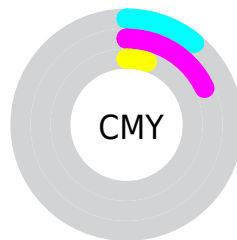


Cyan (6%)

Magenta (14%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 209, 242 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 227, 209, 242 by changing the saturation by 10% instead.

■ 227, 209, 242

255, 255, 255

■ 227, 209, 242

■ 199, 181, 214

■ 172, 155, 186

■ 145, 129, 159

■ 119, 103, 133

■ 94, 79, 107

■ 70, 56, 83


■ 48, 35, 60

■ 27, 14, 38

■ 0, 1, 17

 227, 209, 242


 227, 209, 242

 216, 185, 242

 238, 233, 242

 205, 161, 242


 249, 255, 242


 194, 136, 242

 255, 255, 242

 183, 112, 242

 172, 88, 242

 161, 64, 242

 150, 40, 242

 139, 15, 242

 132, 0, 242

Harmonies

Analogous

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



205, 215, 250



227, 209, 242



244, 205, 227

Triad

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



227, 209, 242



240, 211, 183



172, 226, 222

Complementary

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



227, 209, 242



224, 242, 209

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.



184, 225, 204



227, 209, 242



223, 216, 181

Square

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



227, 209, 242



251, 206, 193



203, 222, 189



171, 224, 238

Rectangle

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



227, 209, 242



251, 204, 215



203, 222, 189



175, 226, 216

Sweetspot

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



227, 209, 242



250, 245, 255



209, 224, 242



125, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



227, 209, 242



236, 214, 255



242, 209, 241



114, 108, 120



100, 0, 184



31, 0, 56

Inverse Universe

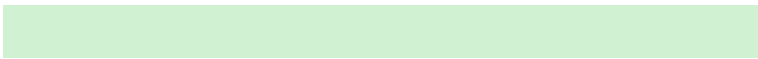
The Inverse Universe completely reimagines the original color for something new.



242, 209, 224



255, 214, 233



209, 242, 210



120, 108, 113



184, 0, 83



56, 0, 26

Previews

White Background



This preview shows how the RGB color 227, 209, 242 looks on a white background.

Color Contrast Check

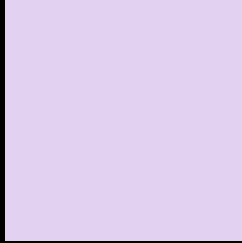
Large Text (above 18pt) WCAG AA × Fail

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 227, 209, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

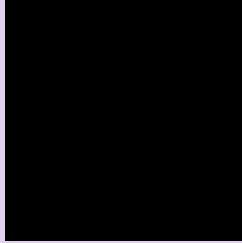
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

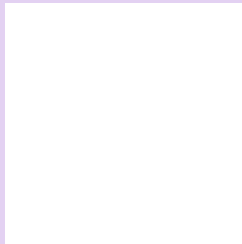
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 227, 209, 242 Background



This preview shows how black text looks on a background with the RGB color 227, 209, 242.



This preview shows how white text looks on a background with the RGB color 227, 209, 242.

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](#).

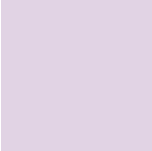
Dichromacy



Original Color
227, 209, 242

Protanopia
211, 214, 245

Deuteranopia
224, 210, 242



Tritanopia
225, 211, 228

Trichromacy



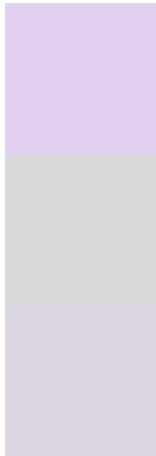
Original Color
227, 209, 242

Protanomaly
217, 212, 244

Deuteranomaly
225, 210, 242

Tritanomaly
226, 210, 233

Monochromacy



Original Color
227, 209, 242

Achromatopsia
218, 218, 218

Achromatomaly
221, 215, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 209, 242 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(227, 209, 242)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 242)  
}
```

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(227, 209, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 242) }
```

Border

The CSS property to change the border of an element to RGB 227, 209, 242 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(227, 209, 242) }
```

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

```
.border{ border-color:rgb(227, 209, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 209, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 209, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 209, 242);  
box-shadow:4px 4px 4px 4px rgb(227, 209,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 227, 209, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 242) }
```

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

```
.background{ background-color: rgb(227,  
209, 242) }
```

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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