

Converting Colors

RGB(226, 206, 235)

Have a look what the booklet for
RGB(226, 206, 235) contains.

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Color

RGB(226, 206, 235)

Conversions

Conversions Part 1

Format	Color
Hex	E2CEEB
RGB	226, 206, 235
RGB Percent	89%, 81%, 92%
CMY	0.1137, 0.1922, 0.0784
CMYK	0.04, 0.12, 0.00, 0.08
HSL	281°, 42%, 86%
HSV	281°, 12%, 92%
XYZ	68.4307, 66.3095, 87.7896
YIQ	215.2860, 2.6110, 13.2590

Conversions

Conversions Part 2

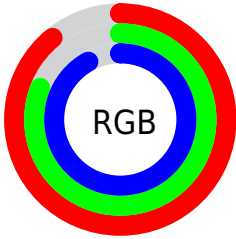
Format	Color
R _{YB}	226, 206, 235
Decimal	14864107
CIE _{Lab}	85.15, 12.12, -11.74
CIE _{LCh}	85, 16.880, 315.914
Yxy	66.3095, 0.3075, 0.2980
Android (android.graphics.Color)	4293054187 (0xFFE2CEEB)
YUV	215.2860, 9.7190, 9.3962
Hunter-Lab	81.4307, 7.4999, -6.9185

Details

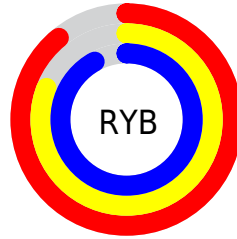
The RGB color **226, 206, 235** is a light color, and the websafe version is hex **C4CCFF**. A complement of this color would be **215, 235, 206**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 152, 179** is the 20% darker color. If you saturate the color by 10%, you get **219, 183, 235**, and if you desaturate by 10%, it is **233, 230, 235**.

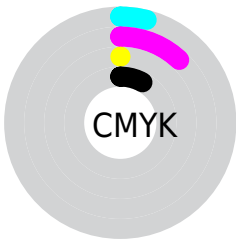
Distribution



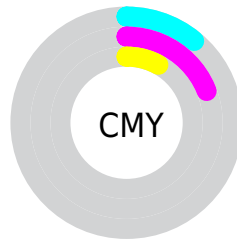
- Red (89%)
- Green (81%)
- Blue (92%)



- Red (89%)
- Yellow (81%)
- Blue (92%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 206, 235 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 226, 206, 235 by changing the saturation by 10% instead.

■ 226, 206, 235

255, 255, 255

■ 226, 206, 235

■ 198, 178, 207

■ 171, 152, 179

■ 144, 126, 152

■ 118, 101, 127

■ 93, 77, 101

■ 70, 54, 77

■ 47, 32, 55

■ 27, 11, 33

■ 0, 0, 8

■ 226, 206, 235

■ 226, 206, 235

■ 219, 183, 235

■ 233, 230, 235

■ 211, 159, 235

■ 241, 253, 235

■ 204, 136, 235

■ 248, 255, 235

■ 197, 112, 235

■ 255, 255, 235

■ 190, 89, 235

■ 182, 65, 235

■ 175, 42, 235

■ 168, 18, 235

■ 162, 0, 235

Harmonies

Analogous

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



206, 211, 243



226, 206, 235



241, 203, 221

Triad

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



226, 206, 235



233, 209, 182



172, 222, 221

Complementary

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



226, 206, 235



215, 235, 206

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.



182, 222, 204



226, 206, 235



216, 214, 182

Square

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



226, 206, 235



244, 204, 190



198, 219, 190



174, 220, 235

Rectangle

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



226, 206, 235



246, 202, 210



198, 219, 190



174, 222, 215

Sweetspot

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



226, 206, 235



252, 245, 255



206, 215, 235



126, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



226, 206, 235



243, 217, 255



235, 206, 230



114, 106, 117



125, 0, 181



37, 0, 54

Inverse Universe

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



235, 206, 215



255, 217, 229



206, 235, 211



117, 106, 109



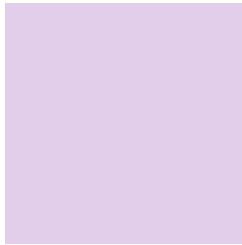
181, 0, 56



54, 0, 17

Previews

White Background



This preview shows how the RGB color 226, 206, 235 looks on a white background.

Color Contrast Check

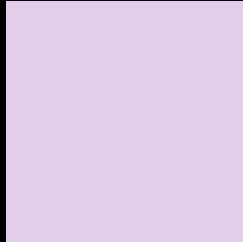
Large Text (above 18pt) WCAG AA × Fail

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 226, 206, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

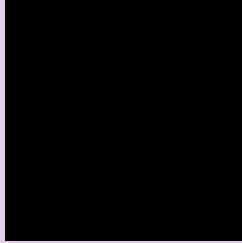
Any Text WCAG AA ✓ Pass

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 226, 206, 235 Background



This preview shows how black text looks on a background with the RGB color 226, 206, 235.



This preview shows how white text looks on a background with the RGB color 226, 206, 235.

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
226, 206, 235

Protanopia
209, 211, 238

Deuteranopia
223, 207, 235



Tritanopia
224, 208, 224

Trichromacy



Original Color

226, 206, 235

Protanomaly

215, 209, 237

Deuteranomaly

224, 207, 235

Tritanomaly

225, 207, 228

Monochromacy



Original Color

226, 206, 235

Achromatopsia

215, 215, 215

Achromatomaly

219, 212, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 206, 235 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(226, 206, 235)` looks like.

```
.text, #text, p{  
    color:rgb(226, 206, 235)  
}
```

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(226, 206, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 206, 235) }
```

Border

The CSS property to change the border of an element to RGB 226, 206, 235 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(226, 206, 235) }
```

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

```
.border{ border-color:rgb(226, 206, 235) }
```

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

Here you see how a box with a 4 pixel rgb(226, 206, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 206, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 206, 235);  
box-shadow:4px 4px 4px 4px rgb(226, 206,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 226, 206, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 206, 235) }
```

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

```
.background{ background-color: rgb(226,  
206, 235) }
```

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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