

Converting Colors

RGB(228, 204, 237)

Have a look what the booklet for
RGB(228, 204, 237) contains.

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Color

RGB(228, 204, 237)

Conversions

Conversions Part 1

Format	Color
Hex	E4CCED
RGB	228, 204, 237
RGB Percent	89%, 80%, 93%
CMY	0.1059, 0.2000, 0.0706
CMYK	0.04, 0.14, 0.00, 0.07
HSL	284°, 48%, 86%
HSV	284°, 14%, 93%
XYZ	68.8738, 65.7941, 89.1903
YIQ	214.9380, 3.7110, 15.3510

Conversions

Conversions Part 2

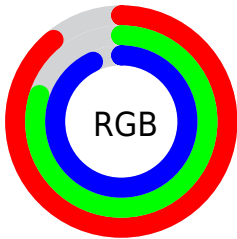
Format	Color
R _Y B	228, 204, 237
Decimal	14994669
CIE Lab	84.89, 14.22, -13.18
CIE LCh	85, 19.392, 317.175
Yxy	65.7941, 0.3077, 0.2939
Android (android.graphics.Color)	4293184749 (0xFFE4CCED)
YUV	214.9380, 10.8766, 11.4554
Hunter-Lab	81.1136, 9.6162, -8.4141

Details

The RGB color `228, 204, 237` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `213, 237, 204`, and the grayscale version is `215, 215, 215`.

A 20% lighter version of the original color is `255, 255, 255`, and `172, 150, 181` is the 20% darker color. If you saturate the color by 10%, you get `222, 180, 237`, and if you desaturate by 10%, it is `234, 228, 237`.

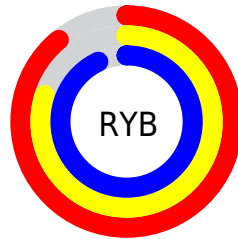
Distribution



Red (89%)

Green (80%)

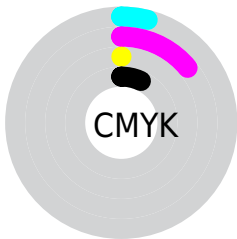
Blue (93%)



Red (89%)

Yellow (80%)

Blue (93%)

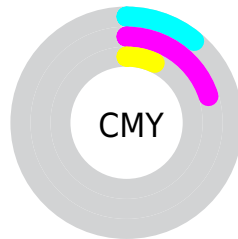


Cyan (4%)

Magenta (14%)

Yellow (0%)

Black (7%)



Cyan (11%)

Magenta (20%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 204, 237 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 228, 204, 237 by changing the saturation by 10% instead.

■ 228, 204, 237

255, 255, 255

■ 228, 204, 237

■ 200, 177, 209

■ 172, 150, 181

■ 146, 124, 154

■ 120, 99, 128

■ 95, 75, 103

■ 71, 52, 79


■ 48, 31, 56

■ 28, 8, 35

■ 0, 0, 11

 228, 204, 237

 228, 204, 237

 222, 180, 237


 234, 228, 237

 215, 157, 237

 241, 251, 237

 209, 133, 237


 247, 255, 237


 202, 109, 237


 254, 255, 237

 196, 86, 237

 255, 255, 237

 189, 62, 237

 183, 38, 237

 176, 14, 237

 172, 0, 237

Harmonies

Analogous

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



205, 210, 247



228, 204, 237



244, 200, 221

Triad

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



228, 204, 237



234, 208, 177



164, 223, 222

Complementary

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



228, 204, 237



213, 237, 204

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.



175, 222, 203



228, 204, 237



215, 214, 177

Square

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



228, 204, 237



247, 203, 186



194, 219, 187



167, 220, 238

Rectangle

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



228, 204, 237



250, 199, 208



194, 219, 187



167, 223, 216

Sweetspot

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



228, 204, 237



252, 245, 255



204, 213, 237



126, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



228, 204, 237



243, 212, 255



237, 204, 230



114, 106, 117



132, 0, 181



39, 0, 54

Inverse Universe

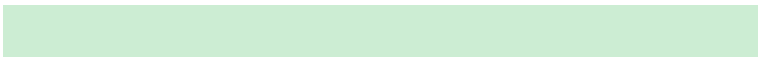
The Inverse Universe completely reimagines the original color for something new.



237, 204, 213



255, 212, 223



204, 237, 211



117, 106, 109



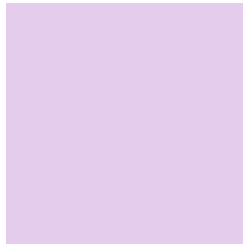
181, 0, 49



54, 0, 15

Previews

White Background



This preview shows how the RGB color 228, 204, 237 looks on a white background.

Color Contrast Check

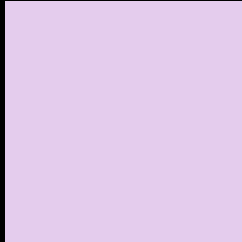
Large Text (above 18pt) WCAG AA × Fail

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 228, 204, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

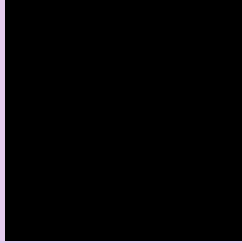
Any Text WCAG AA ✓ Pass

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 228, 204, 237 Background



This preview shows how black text looks on a background with the RGB color 228, 204, 237.



This preview shows how white text looks on a background with the RGB color 228, 204, 237.

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
228, 204, 237

Protanopia
207, 210, 241

Deuteranopia
221, 206, 237



Tritanopia
226, 206, 223

Trichromacy



Original Color
228, 204, 237

Protanomaly
215, 208, 240

Deuteranomaly
224, 205, 237

Tritanomaly
227, 205, 228

Monochromacy



Original Color
228, 204, 237

Achromatopsia
215, 215, 215

Achromatomaly
220, 211, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 204, 237 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(228, 204, 237)` looks like.

```
.text, #text, p{  
    color:rgb(228, 204, 237)  
}
```

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(228, 204, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 204, 237) }
```

Border

The CSS property to change the border of an element to RGB 228, 204, 237 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(228, 204, 237) }
```

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

```
.border{ border-color:rgb(228, 204, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 204, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 204, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 204, 237);  
box-shadow:4px 4px 4px 4px rgb(228, 204,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 228, 204, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 204, 237) }
```

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

```
.background{ background-color: rgb(228,  
204, 237) }
```

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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