

Converting Colors

`RYB(228, 240, 234)`

Have a look what the booklet for
RYB(228, 240, 234) contains.

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Color

R_YB(228, 240, 234)

Conversions

Conversions Part 1

Format	Color
Hex	EAF0E4
RGB	234, 240, 228
RGB Percent	92%, 94%, 89%
CMY	0.0824, 0.0588, 0.1059
CMYK	0.03, 0.00, 0.05, 0.06
HSL	90°, 29%, 92%
HSV	90°, 5%, 94%
XYZ	79.0954, 85.4140, 85.7166
YIQ	236.8380, 0.2760, -5.0040

Conversions

Conversions Part 2

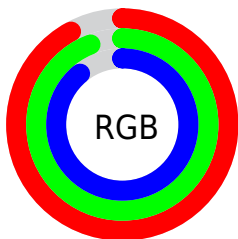
Format	Color
R _Y B	228, 240, 234
Decimal	15397092
CIE Lab	94.06, -4.10, 5.09
CIE LCh	94, 6.538, 128.870
Yxy	85.4140, 0.3161, 0.3413
Android (android.graphics.Color)	4293587172 (0xFFEAF0E4)
YUV	236.8380, -4.3571, -2.4889
Hunter-Lab	92.4197, -8.9692, 9.7041

Details

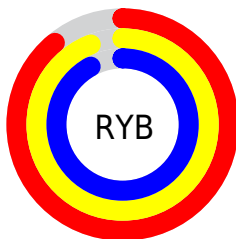
The RYB color **228, 240, 234** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **234, 228, 240**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **173, 184, 179** is the 20% darker color. If you saturate the color by 10%, you get **204, 240, 222**, and if you desaturate by 10%, it is **246, 240, 252**.

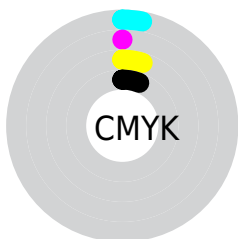
Distribution



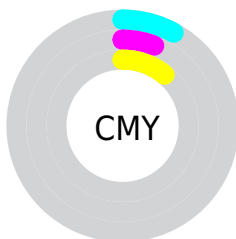
- Red (92%)
- Green (94%)
- Blue (89%)



- Red (89%)
- Yellow (94%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (8%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 240, 234 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 228, 240, 234 by changing the saturation by 10% instead.

■ 228, 240, 234

255, 255, 255

■ 228, 240, 234

■ 200, 212, 206

■ 173, 184, 179

■ 146, 157, 151

■ 120, 131, 125

■ 96, 106, 101

■ 72, 82, 77

■ 50, 59, 55

■ 29, 37, 33

■ 2, 16, 8

■ 228, 240, 234

■ 228, 240, 234

■ 204, 240, 222

■ 246, 240, 252

■ 180, 240, 210

■ 255, 240, 255

■ 156, 240, 198

■ 132, 240, 186

■ 108, 240, 174

■ 84, 240, 162

■ 60, 240, 150

■ 36, 240, 138

■ 12, 240, 126

Harmonies

Analogous

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



229, 241, 225



228, 240, 234



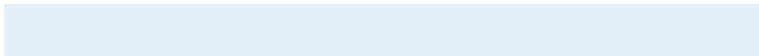
227, 237, 241

Triad

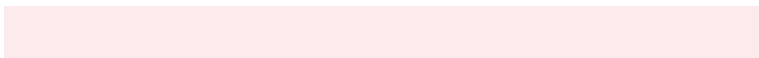
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228, 240, 234



227, 235, 249



252, 234, 236

Complementary

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



228, 240, 234



234, 228, 240

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.



248, 234, 243



228, 240, 234



234, 237, 250

Square

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



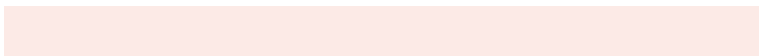
228, 240, 234



223, 233, 246



242, 236, 248



252, 235, 230

Rectangle

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



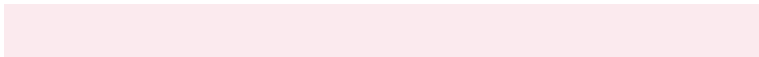
228, 240, 234



224, 234, 242



242, 236, 248



251, 234, 238

Sweetspot

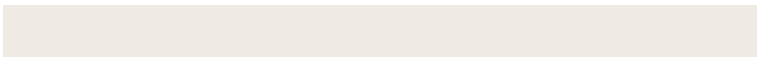
The Sweet Spot groups the original color and five complimentary colors.



228, 240, 234



250, 255, 253



240, 240, 228



125, 128, 127



0, 0, 0



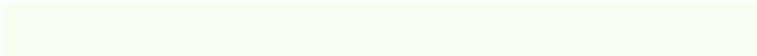
128, 128, 128

Same Dimension

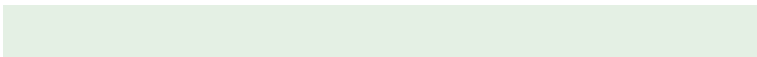
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228, 240, 234



240, 255, 248



228, 240, 240



111, 120, 115



0, 184, 92



0, 56, 28

Inverse Universe

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



234, 228, 240



247, 240, 255



240, 228, 240



116, 111, 120



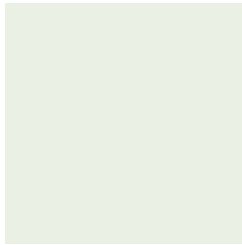
92, 0, 184



28, 0, 56

Previews

White Background



This preview shows how the RYB color 228, 240, 234 looks on a white background.

Color Contrast Check

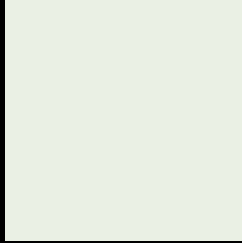
Large Text (above 18pt) WCAG AA × Fail

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 228, 240, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

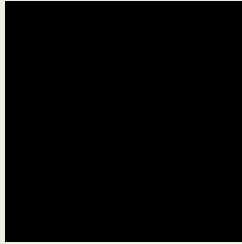
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

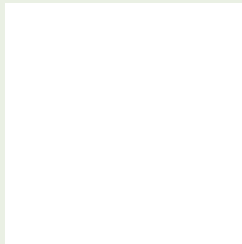
Any Text WCAG AAA ✓ Pass

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

RYB 228, 240, 234 Background



This preview shows how black text looks on a background with the RYB color 228, 240, 234.



This preview shows how white text looks on a background with the RYB color 228, 240, 234.

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](#).

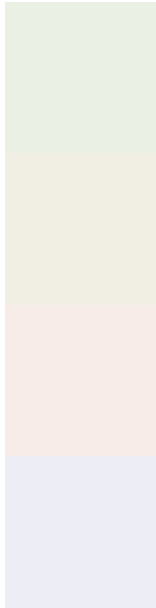
Dichromacy





Tritanopia
238, 236, 255

Trichromacy



Original Color

228, 240, 234

Protanomaly

231, 241, 227

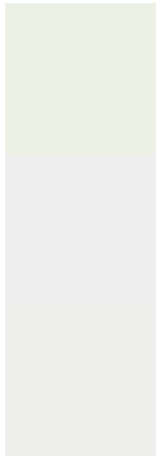
Deuteranomaly

247, 238, 231

Tritanomaly

237, 237, 245

Monochromacy



Original Color

228, 240, 234

Achromatopsia

237, 237, 237

Achromatomaly

234, 238, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 240, 234 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(234, 240, 228) looks like.

```
.text, #text, p{  
    color:rgb(234, 240, 228)  
}
```

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(234, 240, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 240, 228) }
```

Border

The CSS property to change the border of an element to RYB 228, 240, 234 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(234, 240, 228) }
```

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

```
.border{ border-color:rgb(234, 240, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 240, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 240, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 240, 228);  
box-shadow:4px 4px 4px 4px rgb(234, 240,  
228) }
```

Background

The CSS property to change the background color of an element to RYB 228, 240, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 240, 228) }
```

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

```
.background{ background-color: rgb(234,  
240, 228) }
```

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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