

Converting Colors

`RYB(230, 248, 250)`

Have a look what the booklet for
RYB(230, 248, 250) contains.

RYB(230, 248, 250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(230, 248, 250)

Conversions

Conversions Part 1

Format	Color
Hex	E6FAE8
RGB	230, 250, 232
RGB Percent	90%, 98%, 91%
CMY	0.0980, 0.0196, 0.0893
CMYK	0.08, 0.00, 0.07, 0.02
HSL	127°, 67%, 94%
HSV	127°, 8%, 98%
XYZ	81.4158, 91.0330, 89.7896
YIQ	241.9680, -6.1420, -9.8380

Conversions

Conversions Part 2

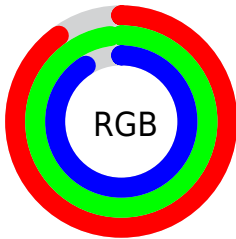
Format	Color
R_YB	230, 248, 250
Decimal	15137512
CIE Lab	96.42, -9.73, 6.28
CIE LCh	96, 11.583, 147.149
Yxy	91.0330, 0.3105, 0.3471
Android (android.graphics.Color)	4293327592 (0xFFE6FAE8)
YUV	241.9680, -4.9142, -10.4959
Hunter-Lab	95.4112, -14.6530, 10.9912

Details

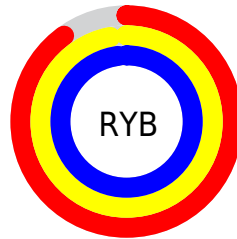
The RYB color **230, 248, 250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **250, 230, 248**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 192, 194** is the 20% darker color. If you saturate the color by 10%, you get **205, 246, 250**, and if you desaturate by 10%, it is **255, 250, 254**.

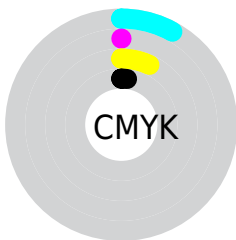
Distribution



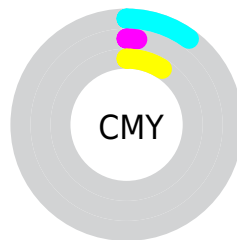
- Red (90%)
- Green (98%)
- Blue (91%)



- Red (90%)
- Yellow (97%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)



- Cyan (10%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 248, 250 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 230, 248, 250 by changing the saturation by 10% instead.

 230, 248, 250


255, 255, 255


 230, 248, 250

 202, 219, 221

 174, 191, 194

 148, 164, 166

 122, 138, 140

 97, 112, 114

 73, 88, 90

 50, 63, 66

 29, 42, 44

 5, 21, 24

 230, 248, 250

 230, 248, 250

 205, 246, 250

 255, 250, 254

 180, 243, 250

 255, 250, 255

 155, 240, 250

 130, 238, 250

 105, 236, 250

 80, 233, 250

 55, 230, 250

 30, 228, 250

 5, 226, 250

Harmonies

Analogous

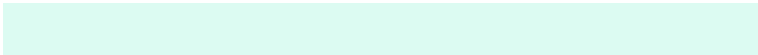
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225, 247, 229



230, 248, 250



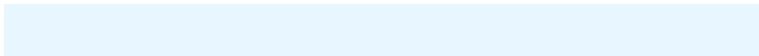
220, 238, 251

Triad

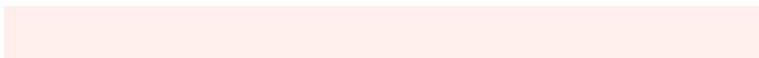
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 248, 250



232, 241, 255



255, 239, 235

Complementary

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



230, 248, 250



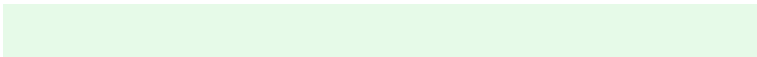
250, 230, 248

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.



255, 237, 246



230, 248, 250



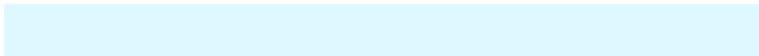
246, 242, 255

Square

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



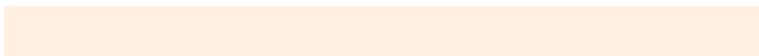
230, 248, 250



221, 236, 255



255, 239, 255



255, 253, 226

Rectangle

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



230, 248, 250



217, 234, 251



255, 239, 255



255, 237, 239

Sweetspot

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



230, 248, 250



250, 255, 255



230, 250, 232



125, 128, 128



0, 0, 0



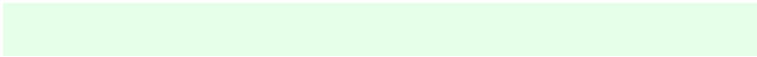
128, 128, 128

Same Dimension

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



230, 248, 250



230, 253, 255



230, 243, 250



112, 123, 125



0, 170, 189



0, 55, 61

Inverse Universe

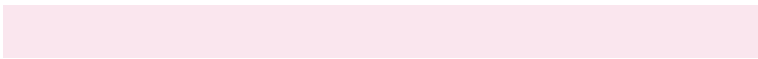
The Inverse Universe completely reimagines the original color for something new.



250, 230, 248



255, 230, 252



250, 230, 238



125, 112, 124



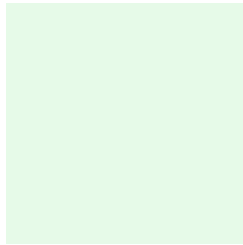
189, 0, 168



61, 0, 54

Previews

White Background



This preview shows how the RYB color 230, 248, 250 looks on a white background.

Color Contrast Check

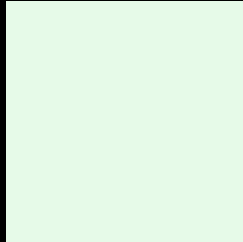
Large Text (above 18pt) WCAG AA × Fail

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 230, 248, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

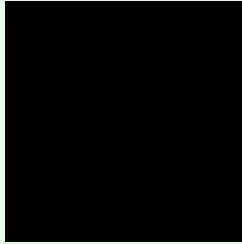
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

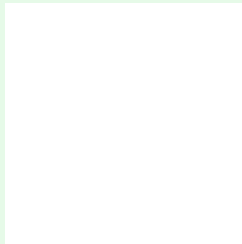
Any Text WCAG AAA ✓ Pass

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

RYB 230, 248, 250 Background



This preview shows how black text looks on a background with the RYB color 230, 248, 250.



This preview shows how white text looks on a background with the RYB color 230, 248, 250.

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

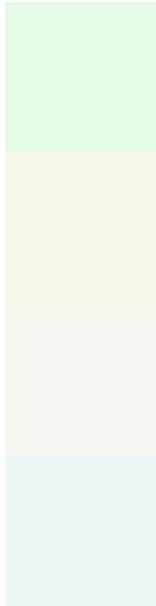
	Original Color 230, 248, 250
	Protanopia 244, 252, 229
	Deuteranopia 255, 241, 241



Tritanopia

240, 244, 255

Trichromacy



Original Color

230, 248, 250

Protanomaly

230, 246, 232

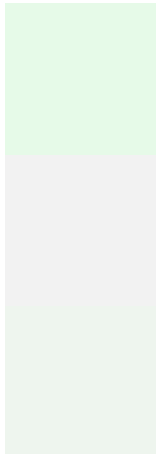
Deuteranomaly

241, 246, 238

Tritanomaly

236, 242, 247

Monochromacy



Original Color

230, 248, 250

Achromatopsia

242, 242, 242

Achromatomaly

238, 245, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 248, 250 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(230, 250, 232)` looks like.

```
.text, #text, p{  
    color:rgb(230, 250, 232)  
}
```

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(230, 250, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 250, 232) }
```

Border

The CSS property to change the border of an element to RYB 230, 248, 250 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(230, 250, 232) }
```

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

```
.border{ border-color:rgb(230, 250, 232) }
```

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

Here you see how a box with a 4 pixel rgb(230, 250, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 250, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 250, 232);  
box-shadow:4px 4px 4px 4px rgb(230, 250,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 230, 248, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 250, 232) }
```

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

```
.background{ background-color: rgb(230,  
250, 232) }
```

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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