Converting Colors

RYB(226, 240, 251)

Have a look what the booklet for RYB(226, 240, 251) contains.

Color

RYB(226, 240, 251)

Conversions

Conversions Part 1

Format	Color
Hex	E2FBF6
RGB	226, 251, 246
RGB Percent	89%, 98%, 96%
CMY	0.1137, 0.0157, 0.0367
CMYK	0.10, 0.00, 0.02, 0.02
HSL	167°, 76%, 94%
HSV	167°, 10%, 98%
XYZ	82.4410, 91.7950, 100.2748
YIQ	242.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

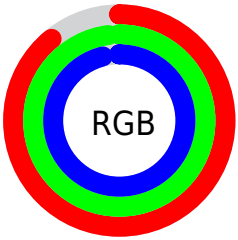
Format	Color
RYB	226, 240, 251
Decimal	14875638
CIELab	96.74, -9.09, -0.21
CIELCh	97, 9.097, 181.328
Yxy	91.7950, 0.3003, 0.3344
Android (android.graphics.Color)	4293065718 (0xFFE2FBF6)
YUV	242.9550, 1.5012, -14.8695
Hunter-Lab	95.8097, -14.0739, 5.0137

Details

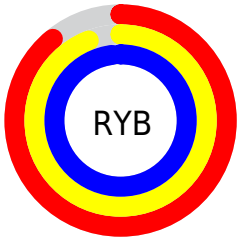
The RYB color 226, 240, 251 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 251, 226, 231, and the grayscale version is 243, 243, 243.

A 20% lighter version of the original color is 255, 255, 255, and 171, 184, 194 is the 20% darker color. If you saturate the color by 10%, you get 201, 229, 251, and if you desaturate by 10%, it is 251, 251, 251.

Distribution

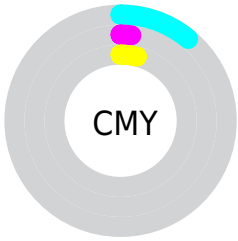


- Red (89%)
- Green (98%)
- Blue (96%)



- Red (89%)
- Yellow (94%)
- Blue (98%)

- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 240, 251 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 226, 240, 251 by changing the saturation by 10% instead.

226, 240, 251

255, 255, 255

226, 240, 251

198, 211, 222

171, 184, 194

144, 157, 167

118, 131, 141

93, 105, 115

69, 81, 91

47, 58, 67

25, 36, 45

1, 14, 25

226, 240, 251

201, 229, 251

176, 218, 251

151, 207, 251

126, 196, 251

100, 184, 251

75, 174, 251

50, 163, 251

25, 151, 251

0, 141, 251

226, 240, 251

251, 251, 251

255, 251, 255

Harmonies

Analogous

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

233, 247, 250

226, 240, 251

224, 238, 254

Triad

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

226, 240, 251

248, 243, 255

255, 253, 230

Complementary

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

226, 240, 251

251, 226, 231

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, 241, 237

226, 240, 251

255, 241, 254

Square

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

226, 240, 251

237, 243, 255

255, 240, 245

240, 253, 228

Rectangle

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

226, 240, 251

226, 239, 255

255, 240, 245

255, 247, 232

Sweetspot

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

226, 240, 251

247, 252, 255

226, 251, 246

122, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

226, 240, 251

224, 241, 255

226, 236, 251

112, 119, 125

0, 106, 189

0, 34, 61

Inverse Universe

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

251, 226, 231

255, 224, 231

251, 236, 226

125, 112, 115

189, 0, 40

61, 0, 13

Previews

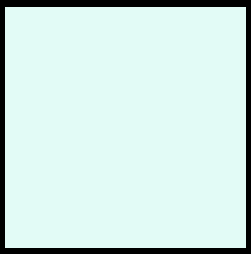
White Background

This preview shows how the RYB color 226, 240, 251 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



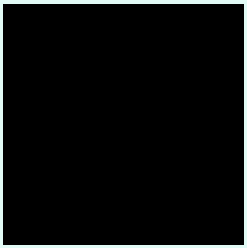
This preview shows how the RYB color 226, 240, 251 looks on a black background.

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 226, 240, 251 Background



This preview shows how black text looks on a background with the RYB color 226, 240, 251.

This preview shows how white text looks on a background with the RYB color 226, 240, 251.

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, 240, 251

Protanopia
250, 245, 242

Deuteranopia
255, 242, 247

Tritanopia
239, 244, 255

Trichromacy

Original Color
226, 240, 251

Protanomaly
241, 246, 247

Deuteranomaly
244, 245, 247

Tritanomaly
234, 242, 252

Monochromacy

Original Color
226, 240, 251

Achromatopsia
243, 243, 243

Achromatomaly
237, 242, 246

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 240, 251 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, 251, 246) looks like.

```
.text, #text, p{
    color:rgb(226, 251, 246)
}
```

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, 251, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 251, 246) }
```

Border

The CSS property to change the border of an element to RYB 226, 240, 251 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, 251, 246) }
```

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

```
.border{ border-color:rgb(226, 251, 246) }
```

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

Here you see how a box with a 4 pixel rgb(226, 251, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 251, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 251, 246); box-shadow:4px 4px 4px 4px rgb(226, 251, 246) }
```

Background

The CSS property to change the background color of an element to RYB 226, 240, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(226, 251, 246) }
```

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

```
.background{ background-color:rgb(226,
251, 246) }
```

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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