

Converting Colors

`RYB(240, 245, 255)`

Have a look what the booklet for RYB(240, 245, 255) contains.

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Color

R_YB(240, 245, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F0F8FF
RGB	240, 248, 255
RGB Percent	94%, 97%, 100%
CMY	0.0588, 0.0294, 0.0000
CMYK	0.06, 0.03, 0.00, 0.00
HSL	210°, 100%, 97%
HSV	210°, 6%, 100%
XYZ	87.3991, 92.5730, 107.8697
YIQ	246.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

Format	Color
R_{YB}	240, 245, 255
Decimal	15792383
CIE _{Lab}	97.05, -1.09, -4.46
CIE _{LCh}	97, 4.588, 256.264
Yxy	92.5730, 0.3036, 0.3216
Android (android.graphics.Color)	4293982463 (0xFFFF0F8FF)
YUV	246.4060, 4.2368, -5.6181
Hunter-Lab	96.2149, -6.2313, 0.8784

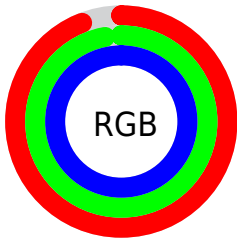
Details

The RYB color **240, 245, 255** is a light color, and the websafe version is hex FFFFFF, and the color name is **aliceblue**. A complement of this color would be **253, 255, 240**, and the grayscale version is **246, 246, 246**.

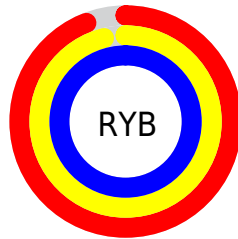
A 20% lighter version of the original color is **255, 255, 255**, and **184, 189, 198** is the 20% darker color. If you saturate the color by 10%, you get **215, 228, 255**, and if you desaturate by 10%, it is **255, 255, 255**.

Alice Blue got the name from Alice Roosevelt Longworth who favored the color and started a trend in women's clothing by wearing a dress in that color at her social debut.

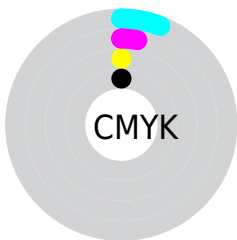
Distribution



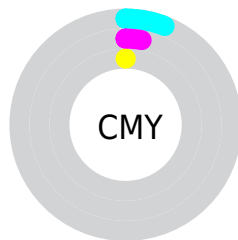
- Red (94%)
- Green (97%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 245, 255 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 240, 245, 255 by changing the saturation by 10% instead.

240, 245, 255

255, 255, 255

240, 245, 255

212, 217, 226

184, 189, 198

157, 162, 171

131, 136, 145

106, 110, 119

82, 86, 94

59, 63, 71

37, 41, 48

16, 20, 27

240, 245, 255

240, 245, 255

215, 228, 255

255, 255, 255

189, 211, 255

163, 194, 255

138, 177, 255

113, 160, 255

87, 143, 255

61, 126, 255

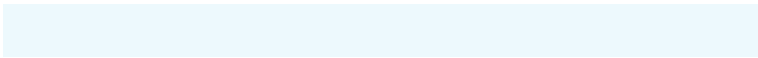
36, 109, 255

10, 92, 255

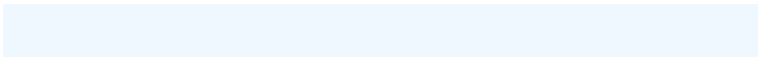
Harmonies

Analogous

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



237, 244, 253



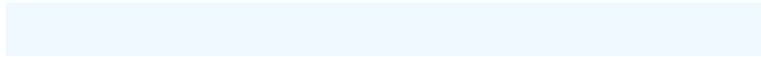
240, 245, 255



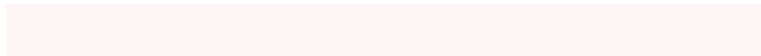
245, 246, 255

Triad

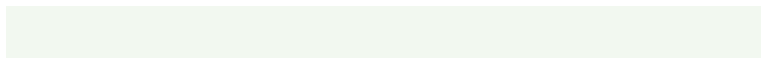
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 245, 255



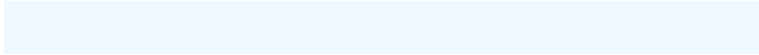
255, 244, 244



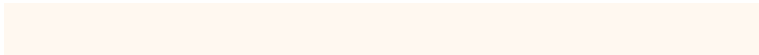
240, 248, 246

Complementary

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



240, 245, 255



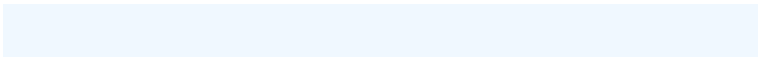
253, 255, 240

Split Complementary

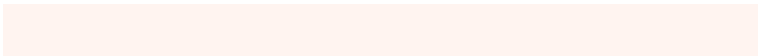
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239, 248, 238



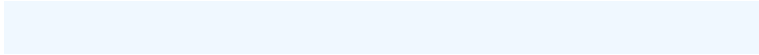
240, 245, 255



255, 245, 240

Square

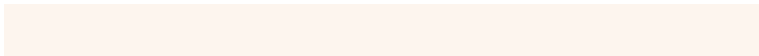
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



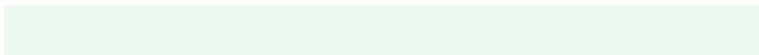
240, 245, 255



255, 244, 249



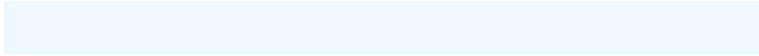
253, 251, 238



238, 245, 249

Rectangle

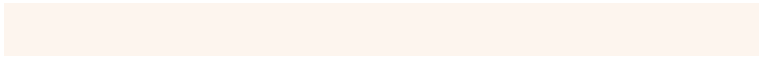
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240, 245, 255



249, 245, 254



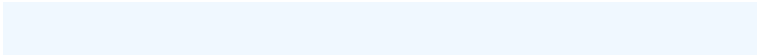
253, 251, 238



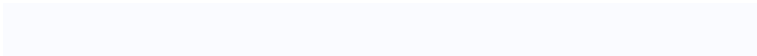
239, 248, 243

Sweetspot

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



240, 245, 255



250, 251, 255



240, 250, 255



125, 126, 128



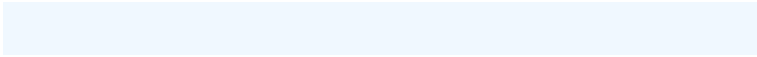
0, 0, 0



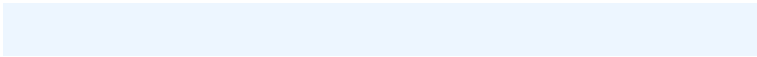
128, 128, 128

Same Dimension

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



240, 245, 255



237, 243, 255



240, 240, 255



117, 120, 128



0, 64, 191



0, 21, 64

Inverse Universe

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



255, 240, 248



255, 237, 246



240, 255, 240



128, 117, 122



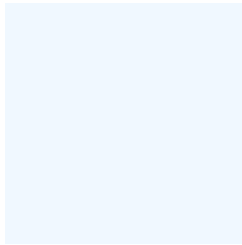
191, 0, 96



64, 0, 32

Previews

White Background



This preview shows how the RYB color 240, 245, 255 looks on a white background.

Color Contrast Check

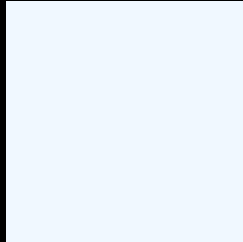
Large Text (above 18pt) WCAG AA × Fail

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 240, 245, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

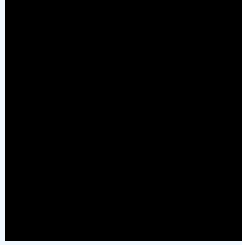
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

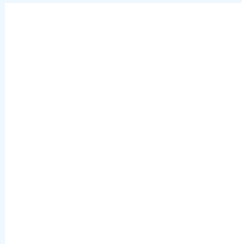
Any Text WCAG AAA ✓ Pass

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

RYB 240, 245, 255 Background



This preview shows how black text looks on a background with the RYB color 240, 245, 255.

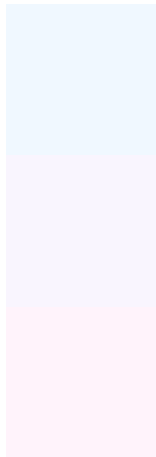


This preview shows how white text looks on a background with the RYB color 240, 245, 255.

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
240, 245, 255

Protanopia
249, 245, 254

Deuteranopia
255, 243, 251



Tritanopia

244, 246, 255

Trichromacy



Original Color

240, 245, 255

Protanomaly

246, 246, 254

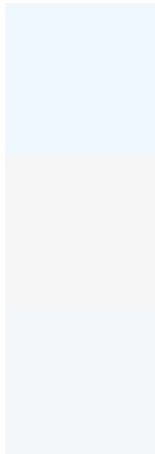
Deuteranomaly

250, 245, 252

Tritanomaly

243, 246, 255

Monochromacy



Original Color

240, 245, 255

Achromatopsia

246, 246, 246

Achromatomaly

244, 246, 249

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 245, 255 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(240, 248, 255) looks like.

```
.text, #text, p{  
    color:rgb(240, 248, 255)  
}
```

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(240, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 248, 255) }
```

Border

The CSS property to change the border of an element to RYB 240, 245, 255 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(240, 248, 255) }
```

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

```
.border{ border-color:rgb(240, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 248,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 240, 245, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 248, 255) }
```

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

```
.background{ background-color: rgb(240,  
248, 255) }
```

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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