

Converting Colors

RGB(227, 245, 253)

Have a look what the booklet for
RGB(227, 245, 253) contains.

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Color

RGB(227, 245, 253)

Conversions

Conversions Part 1

Format	Color
Hex	E3F5FD
RGB	227, 245, 253
RGB Percent	89%, 96%, 99%
CMY	0.1098, 0.0392, 0.0078
CMYK	0.10, 0.03, 0.00, 0.01
HSL	198°, 87%, 94%
HSV	198°, 10%, 99%
XYZ	82.0606, 88.7276, 105.7296
YIQ	240.5300, -13.2960, -1.3280

Conversions

Conversions Part 2

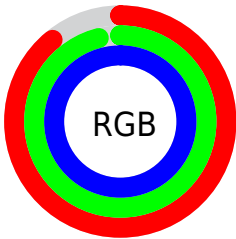
Format	Color
R_{YB}	227, 238, 253
Decimal	14939645
CIE _{Lab}	95.47, -4.35, -5.87
CIE _{LCh}	95, 7.306, 233.416
Yxy	88.7276, 0.2968, 0.3209
Android (android.graphics.Color)	4293129725 (0xFFE3F5FD)
YUV	240.5300, 6.1477, -11.8658
Hunter-Lab	94.1953, -9.3371, -0.6134

Details

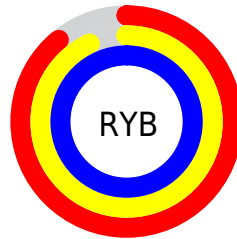
The RGB color **227, 245, 253** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **253, 235, 227**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 189, 196** is the 20% darker color. If you saturate the color by 10%, you get **202, 237, 253**, and if you desaturate by 10%, it is 252, 253, 253.

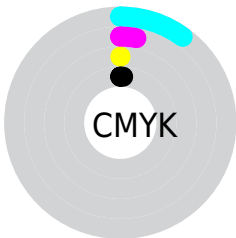
Distribution



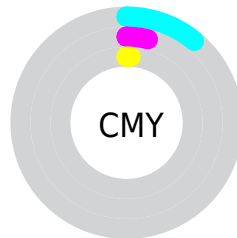
- Red (89%)
- Green (96%)
- Blue (99%)



- Red (89%)
- Yellow (93%)
- Blue (99%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 245, 253 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 227, 245, 253 by changing the saturation by 10% instead.

■ 227, 245, 253

255, 255, 255

■ 227, 245, 253

■ 199, 217, 224

■ 172, 189, 196

■ 145, 162, 169

■ 119, 136, 143

■ 94, 110, 117

■ 70, 86, 93

■ 48, 63, 69

■ 26, 41, 47

■ 2, 21, 26

■ 227, 245, 253

■ 227, 245, 253

■ 202, 237, 253

■ 252, 253, 253

■ 176, 229, 253

255, 255, 253

■ 151, 222, 253

■ 126, 214, 253

■ 100, 206, 253

■ 75, 198, 253

■ 50, 191, 253

■ 25, 183, 253

■ 0, 175, 253

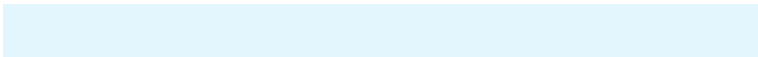
Harmonies

Analogous

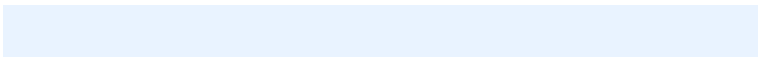
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225, 246, 247



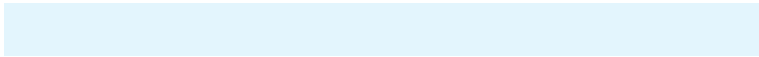
227, 245, 253



233, 243, 255

Triad

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



227, 245, 253



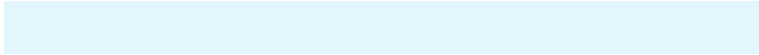
255, 237, 244



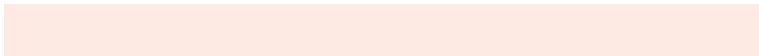
242, 243, 229

Complementary

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



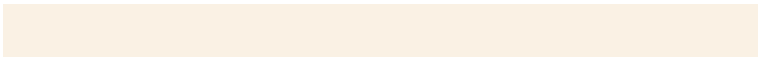
227, 245, 253



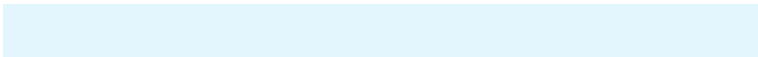
253, 235, 227

Split Complementary

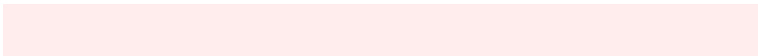
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250, 241, 228



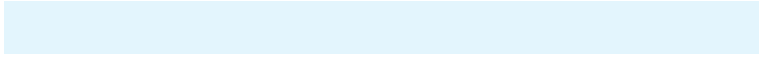
227, 245, 253



255, 237, 237

Square

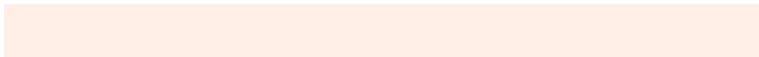
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



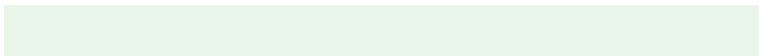
227, 245, 253



250, 239, 250



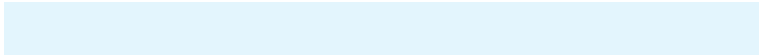
255, 239, 231



234, 245, 233

Rectangle

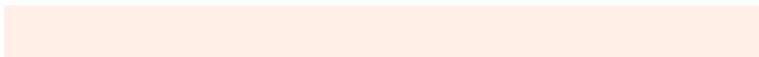
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227, 245, 253



239, 241, 255



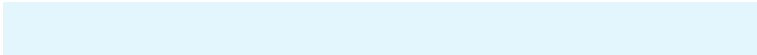
255, 239, 231



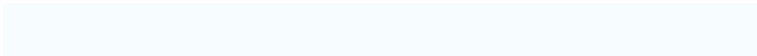
245, 242, 228

Sweetspot

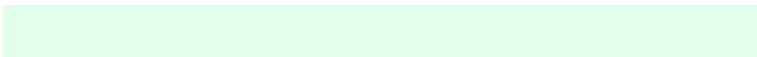
The Sweet Spot groups the original color and five complimentary colors.



227, 245, 253



247, 253, 255



227, 253, 235



122, 126, 128



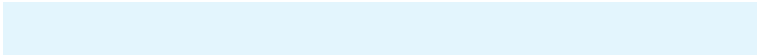
0, 0, 0



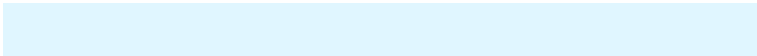
128, 128, 128

Same Dimension

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



227, 245, 253



224, 246, 255



227, 232, 253



115, 124, 128



0, 132, 191



0, 44, 64

Inverse Universe

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



253, 227, 245



255, 224, 246



253, 248, 227



128, 115, 124



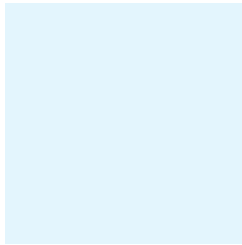
191, 0, 132



64, 0, 44

Previews

White Background



This preview shows how the RGB color 227, 245, 253 looks on a white background.

Color Contrast Check

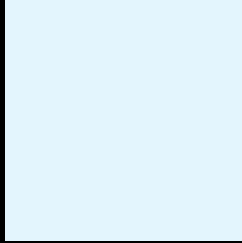
Large Text (above 18pt) WCAG AA × Fail

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 227, 245, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

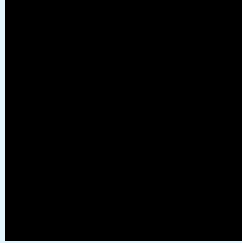
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

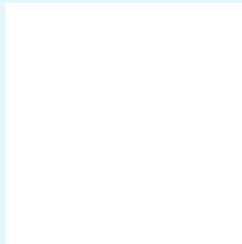
Any Text WCAG AAA ✓ Pass

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

RGB 227, 245, 253 Background



This preview shows how black text looks on a background with the RGB color 227, 245, 253.



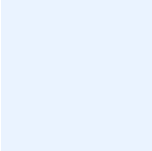
This preview shows how white text looks on a background with the RGB color 227, 245, 253.

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

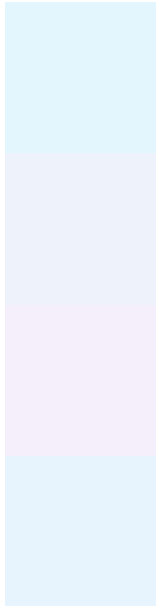




Tritanopia

234, 243, 255

Trichromacy



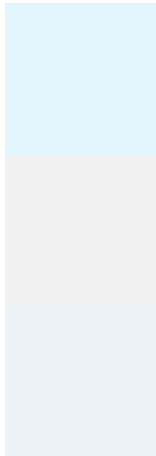
Original Color
227, 245, 253

Protanomaly
237, 242, 251

Deuteranomaly
245, 239, 252

Tritanomaly
231, 244, 254

Monochromacy



Original Color
227, 245, 253

Achromatopsia
241, 241, 241

Achromatomaly
236, 242, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 245, 253 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(227, 245, 253)` looks like.

```
.text, #text, p{  
    color:rgb(227, 245, 253)  
}
```

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(227, 245, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 245, 253) }
```

Border

The CSS property to change the border of an element to RGB 227, 245, 253 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(227, 245, 253) }
```

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

```
.border{ border-color:rgb(227, 245, 253) }
```

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

Here you see how a box with a 4 pixel rgb(227, 245, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 245, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 245, 253);  
box-shadow:4px 4px 4px 4px rgb(227, 245,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 227, 245, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 245, 253) }
```

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

```
.background{ background-color: rgb(227,  
245, 253) }
```

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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