

Converting Colors

RGB(227, 255, 230)

Have a look what the booklet for
RGB(227, 255, 230) contains.

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Color

RGB(227, 255, 230)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFE6
RGB	227, 255, 230
RGB Percent	89%, 100%, 90%
CMY	0.1098, 0.0000, 0.0980
CMYK	0.11, 0.00, 0.10, 0.00
HSL	126°, 100%, 95%
HSV	126°, 11%, 100%
XYZ	81.7215, 93.5641, 88.6154
YIQ	243.7780, -8.6630, -13.7110

Conversions

Conversions Part 2

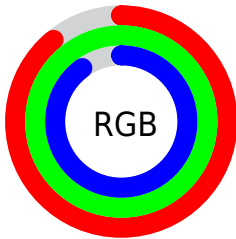
Format	Color
RYB	227, 252, 255
Decimal	14942182
CIELab	97.46, -13.59, 8.88
CIELCh	97, 16.234, 146.820
Yxy	93.5641, 0.3097, 0.3545
Android (android.graphics.Color)	4293132262 (0xFFE3FFE6)
YUV	243.7780, -6.7926, -14.7143
Hunter-Lab	96.7285, -18.4685, 13.3929

Details

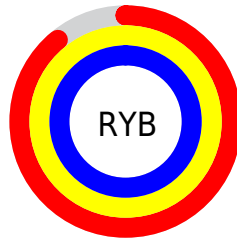
The RGB color **227, 255, 230** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 227, 252**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 198, 175** is the 20% darker color. If you saturate the color by 10%, you get **202, 255, 207**, and if you desaturate by 10%, it is **252, 255, 253**.

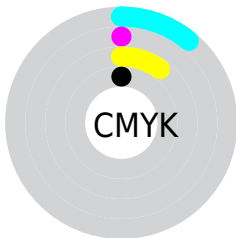
Distribution



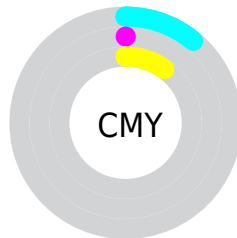
- Red (89%)
- Green (100%)
- Blue (90%)



- Red (89%)
- Yellow (99%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 255, 230 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, 255, 230 by changing the saturation by 10% instead.

 227, 255, 230

 227, 255, 230

255, 255, 255

 199, 226, 202

 171, 198, 175

 145, 171, 148

 119, 144, 122

 94, 119, 97

 70, 94, 73

 47, 70, 51

 26, 48, 30

 2, 27, 5

■ 227, 255, 230

■ 227, 255, 230

■ 202, 255, 207

■ 252, 255, 253

■ 176, 255, 184

255, 255, 255

■ 150, 255, 162

■ 125, 255, 139

■ 99, 255, 116

■ 74, 255, 93

■ 49, 255, 71

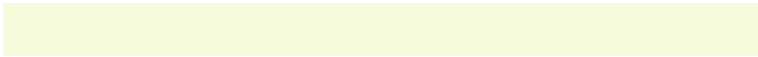
■ 23, 255, 48

■ 0, 255, 27

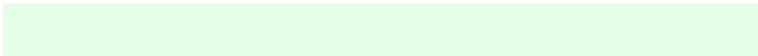
Harmonies

Analogous

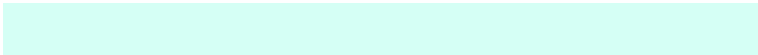
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 251, 219



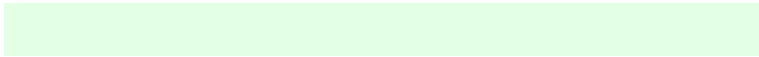
227, 255, 230



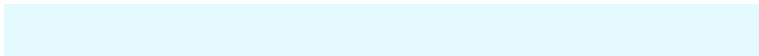
213, 255, 245

Triad

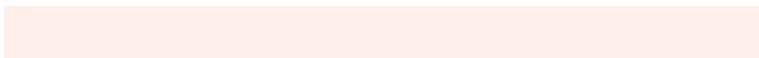
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227, 255, 230



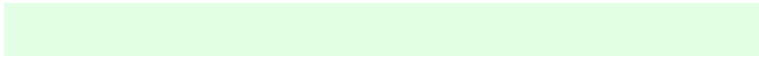
229, 250, 255



255, 238, 234

Complementary

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



227, 255, 230



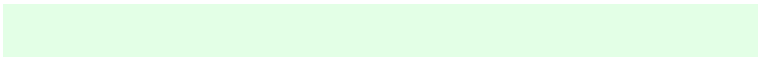
255, 227, 252

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, 250



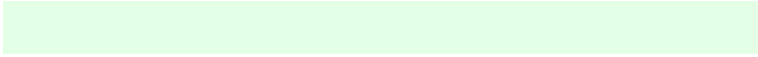
227, 255, 230



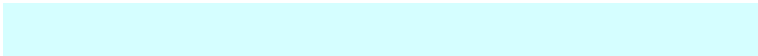
249, 244, 255

Square

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



227, 255, 230



213, 254, 255



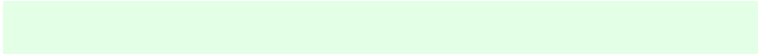
255, 240, 255



255, 241, 222

Rectangle

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



227, 255, 230



208, 255, 255



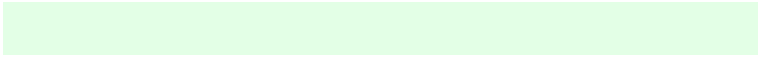
255, 240, 255



255, 237, 239

Sweetspot

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



227, 255, 230



247, 255, 248



252, 255, 227



122, 128, 123



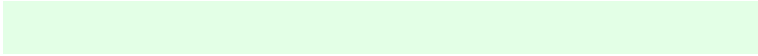
0, 0, 0



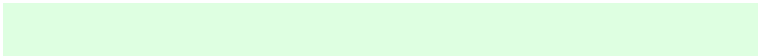
128, 128, 128

Same Dimension

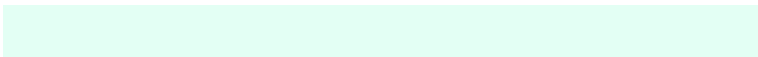
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227, 255, 230



222, 255, 225



227, 255, 244



115, 128, 116



0, 191, 20



0, 64, 7

Inverse Universe

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



255, 227, 252



255, 222, 251



255, 227, 238



128, 115, 126



191, 0, 171



64, 0, 57

Previews

White Background



This preview shows how the RGB color 227, 255, 230 looks on a white background.

Color Contrast Check

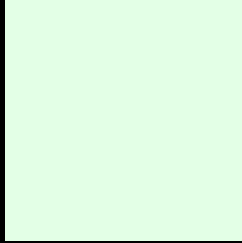
Large Text (above 18pt) WCAG AA × Fail

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, 255, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

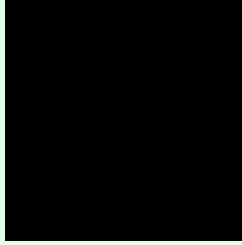
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

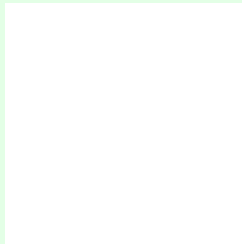
Any Text WCAG AAA ✓ Pass

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

RGB 227, 255, 230 Background



This preview shows how black text looks on a background with the RGB color 227, 255, 230.

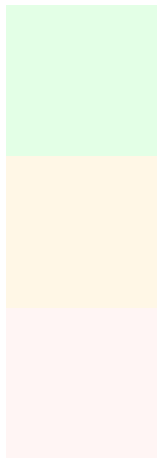


This preview shows how white text looks on a background with the RGB color 227, 255, 230.

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
227, 255, 230

Protanopia
255, 247, 230

Deuteranopia
255, 245, 244



Tritanopia

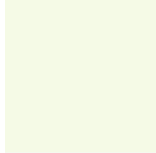
243, 248, 255

Trichromacy



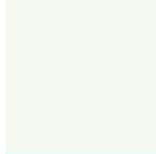
Original Color

227, 255, 230



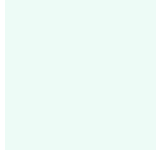
Protanomaly

245, 250, 230



Deuteranomaly

245, 249, 239



Tritanomaly

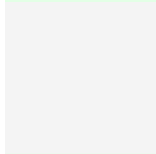
237, 251, 246

Monochromacy



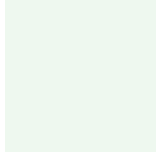
Original Color

227, 255, 230



Achromatopsia

244, 244, 244



Achromatomaly

238, 248, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 255, 230 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, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 230)  
}
```

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, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 230) }
```

Border

The CSS property to change the border of an element to RGB 227, 255, 230 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, 255, 230) }
```

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

```
.border{ border-color:rgb(227, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 227, 255, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 230) }
```

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

```
.background{ background-color: rgb(227,  
255, 230) }
```

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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