

Converting Colors

RGB(228, 255, 240)

Have a look what the booklet for
RGB(228, 255, 240) contains.

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Color

RGB(228, 255, 240)

Conversions

Conversions Part 1

Format	Color
Hex	E4FFF0
RGB	228, 255, 240
RGB Percent	89%, 100%, 94%
CMY	0.1059, 0.0000, 0.0588
CMYK	0.11, 0.00, 0.06, 0.00
HSL	147°, 100%, 95%
HSV	147°, 11%, 100%
XYZ	83.4831, 94.3053, 96.2408
YIQ	245.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

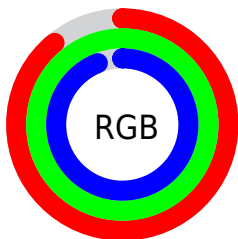
Format	Color
R _Y B	228, 247, 255
Decimal	15007728
CIE Lab	97.75, -11.48, 4.19
CIE LCh	98, 12.224, 159.953
Yxy	94.3053, 0.3047, 0.3441
Android (android.graphics.Color)	4293197808 (0xFFE4FFF0)
YUV	245.2170, -2.5720, -15.0993
Hunter-Lab	97.1109, -16.4934, 9.2189

Details

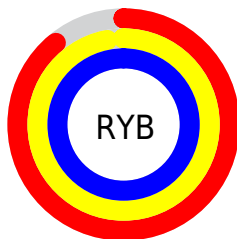
The RGB color **228, 255, 240** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 228, 243**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 198, 184** is the 20% darker color. If you saturate the color by 10%, you get **203, 255, 226**, and if you desaturate by 10%, it is **254, 255, 254**.

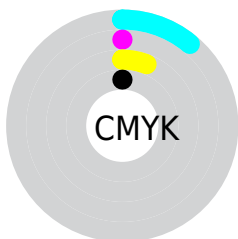
Distribution



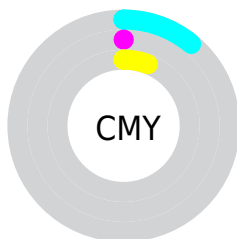
- Red (89%)
- Green (100%)
- Blue (94%)



- Red (89%)
- Yellow (97%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 255, 240 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 228, 255, 240 by changing the saturation by 10% instead.

228, 255, 240

228, 255, 240

255, 255, 255

200, 226, 212

172, 198, 184

146, 171, 157

120, 144, 131

95, 119, 106

71, 94, 82

48, 70, 59

27, 48, 37

3, 27, 16

228, 255, 240

228, 255, 240

203, 255, 226

254, 255, 254

177, 255, 212

255, 255, 255

152, 255, 197

126, 255, 183

101, 255, 169

75, 255, 155

50, 255, 141

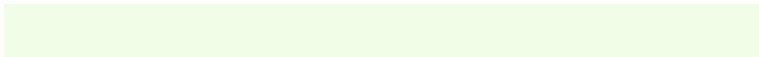
24, 255, 127

0, 255, 113

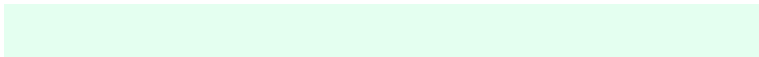
Harmonies

Analogous

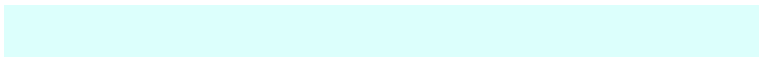
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 253, 230



228, 255, 240



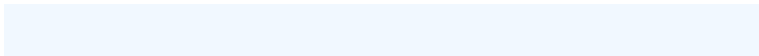
220, 255, 252

Triad

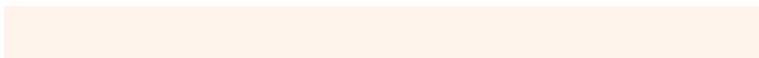
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228, 255, 240



241, 248, 255



255, 242, 234

Complementary

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



228, 255, 240



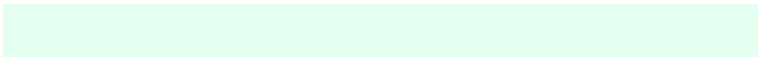
255, 228, 243

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, 245



228, 255, 240



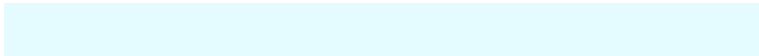
255, 244, 255

Square

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



228, 255, 240



228, 252, 255



255, 241, 255



255, 245, 227

Rectangle

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



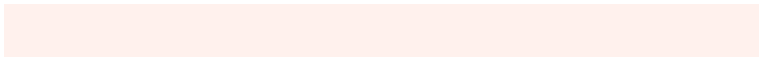
228, 255, 240



219, 255, 255



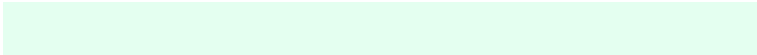
255, 241, 255



255, 241, 237

Sweetspot

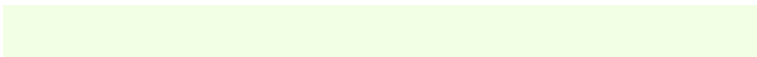
The Sweet Spot groups the original color and five complimentary colors.



228, 255, 240



247, 255, 251



243, 255, 228



122, 128, 125



0, 0, 0



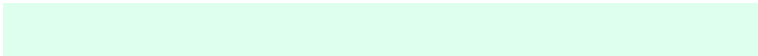
128, 128, 128

Same Dimension

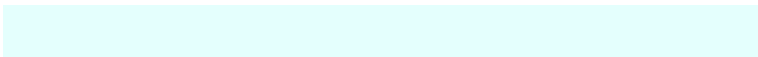
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228, 255, 240



222, 255, 237



228, 255, 253



115, 128, 120



0, 191, 85



0, 64, 28

Inverse Universe

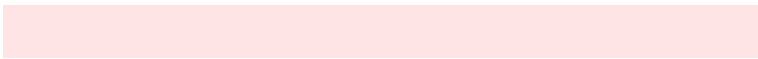
The Inverse Universe completely reimagines the original color for something new.



255, 228, 243



255, 222, 240



255, 228, 230



128, 115, 122



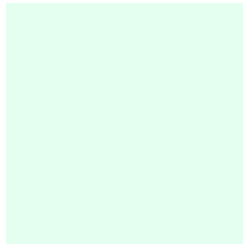
191, 0, 106



64, 0, 35

Previews

White Background



This preview shows how the RGB color 228, 255, 240 looks on a white background.

Color Contrast Check

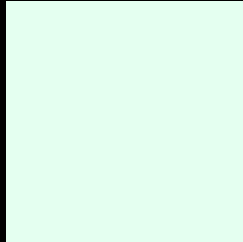
Large Text (above 18pt) WCAG AA × Fail

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 228, 255, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

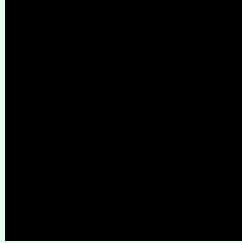
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

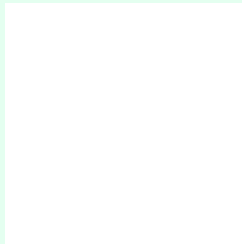
Any Text WCAG AAA ✓ Pass

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

RGB 228, 255, 240 Background



This preview shows how black text looks on a background with the RGB color 228, 255, 240.

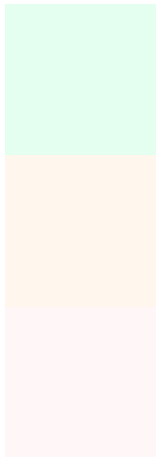


This preview shows how white text looks on a background with the RGB color 228, 255, 240.

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
228, 255, 240

Protanopia
255, 247, 237

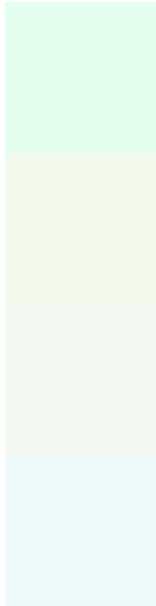
Deuteranopia
255, 246, 247



Tritanopia

244, 249, 255

Trichromacy



Original Color

228, 255, 240

Protanomaly

245, 250, 238

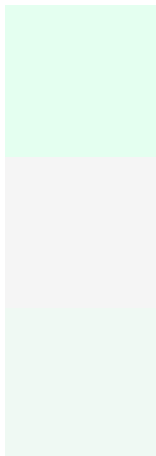
Deuteranomaly

245, 249, 244

Tritanomaly

238, 251, 250

Monochromacy



Original Color

228, 255, 240

Achromatopsia

245, 245, 245

Achromatomaly

239, 249, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 255, 240 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(228, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 240)  
}
```

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(228, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 240) }
```

Border

The CSS property to change the border of an element to RGB 228, 255, 240 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(228, 255, 240) }
```

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

```
.border{ border-color:rgb(228, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 228, 255, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 240) }
```

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

```
.background{ background-color: rgb(228,  
255, 240) }
```

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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