

Converting Colors

RGB(221, 245, 255)

Have a look what the booklet for
RGB(221, 245, 255) contains.

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Color

RGB(221, 245, 255)

Conversions

Conversions Part 1

Format	Color
Hex	DDF5FF
RGB	221, 245, 255
RGB Percent	87%, 96%, 100%
CMY	0.1333, 0.0392, 0.0000
CMYK	0.13, 0.04, 0.00, 0.00
HSL	198°, 100%, 93%
HSV	198°, 13%, 100%
XYZ	80.5212, 87.8970, 107.3296
YIQ	238.9640, -17.5140, -1.9780

Conversions

Conversions Part 2

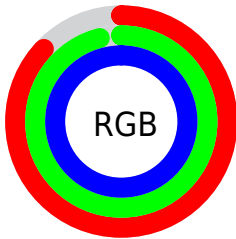
Format	Color
RYB	221, 235, 255
Decimal	14546431
CIELab	95.12, -5.85, -7.46
CIElCh	95, 9.480, 231.922
Yxy	87.8970, 0.2920, 0.3188
Android (android.graphics.Color)	4292736511 (0xFFDDDF5FF)
YUV	238.9640, 7.9057, -15.7544
Hunter-Lab	93.7534, -10.7616, -2.2483

Details

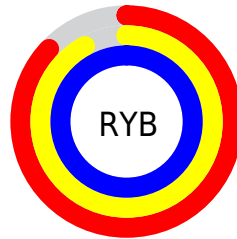
The RGB color **221, 245, 255** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 231, 221**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 189, 198** is the 20% darker color. If you saturate the color by 10%, you get **196, 238, 255**, and if you desaturate by 10%, it is **247, 253, 255**.

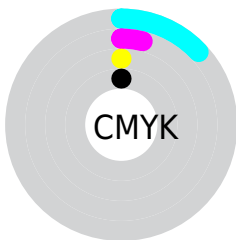
Distribution



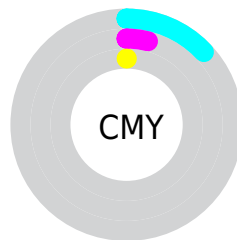
- Red (87%)
- Green (96%)
- Blue (100%)



- Red (87%)
- Yellow (92%)
- Blue (100%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 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 RGB color 221, 245, 255 by changing the saturation by 10% instead.

■ 221, 245, 255

255, 255, 255

■ 221, 245, 255

■ 193, 217, 226

■ 166, 189, 198

■ 139, 162, 171

■ 113, 136, 145

■ 89, 110, 119

■ 65, 86, 94

■ 42, 63, 71

■ 20, 41, 48

■ 0, 21, 27

■ 221, 245, 255

■ 221, 245, 255

■ 196, 238, 255

■ 247, 253, 255

■ 170, 230, 255

255, 255, 255

■ 145, 223, 255

■ 119, 215, 255

■ 94, 208, 255

■ 68, 200, 255

■ 43, 193, 255

■ 17, 185, 255

■ 0, 180, 255

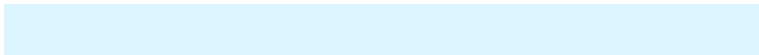
Harmonies

Analogous

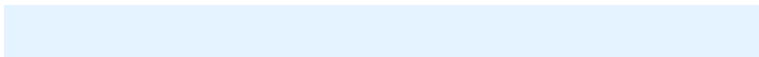
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219, 246, 247



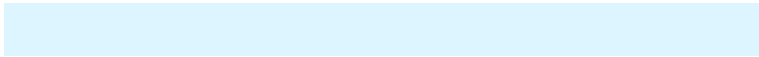
221, 245, 255



229, 242, 255

Triad

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



221, 245, 255



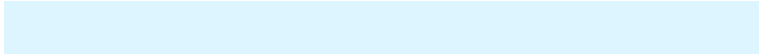
255, 235, 244



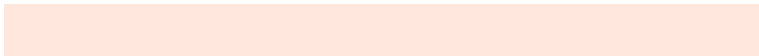
241, 242, 224

Complementary

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



221, 245, 255



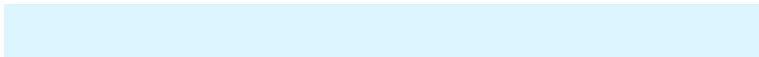
255, 231, 221

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.



251, 239, 223



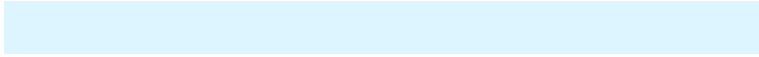
221, 245, 255



255, 235, 234

Square

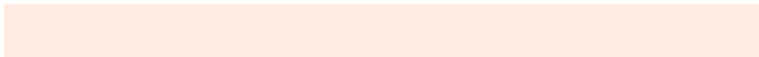
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221, 245, 255



251, 237, 252



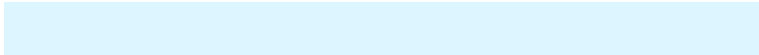
255, 237, 227



231, 245, 229

Rectangle

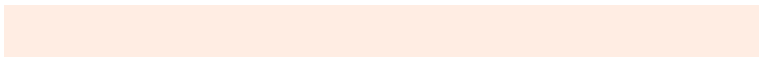
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221, 245, 255



236, 240, 255



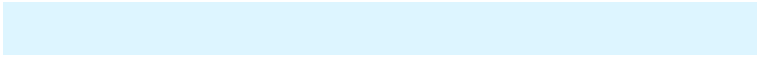
255, 237, 227



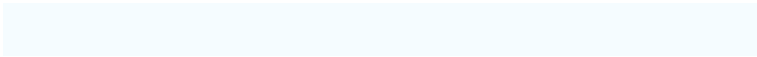
245, 241, 223

Sweetspot

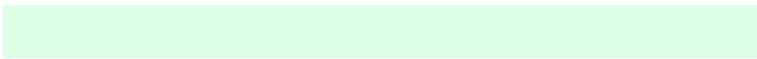
The Sweet Spot groups the original color and five complimentary colors.



221, 245, 255



245, 252, 255



221, 255, 231



121, 126, 128



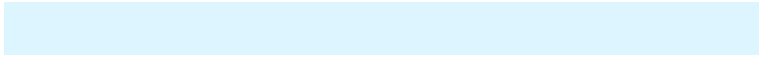
0, 0, 0



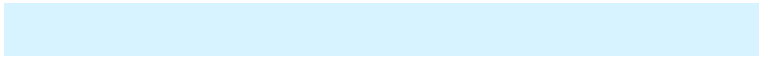
128, 128, 128

Same Dimension

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



221, 245, 255



214, 243, 255



221, 228, 255



115, 124, 128



0, 135, 191



0, 45, 64

Inverse Universe

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



255, 221, 245



255, 214, 243



255, 248, 221



128, 115, 124



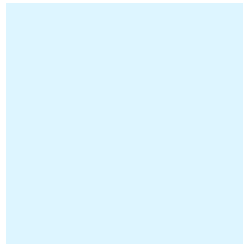
191, 0, 135



64, 0, 45

Previews

White Background



This preview shows how the RGB color 221, 245, 255 looks on a white background.

Color Contrast Check

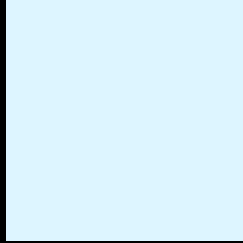
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 221, 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

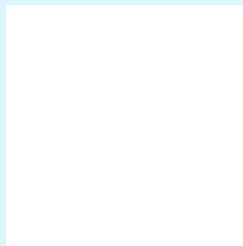
Any Text WCAG AAA ✓ Pass

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

RGB 221, 245, 255 Background



This preview shows how black text looks on a background with the RGB color 221, 245, 255.



This preview shows how white text looks on a background with the RGB color 221, 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 221, 245, 255
	Protanopia 242, 239, 252
	Deuteranopia 254, 235, 255



Tritanopia

229, 243, 255

Trichromacy



Original Color

221, 245, 255

Protanomaly

234, 241, 253

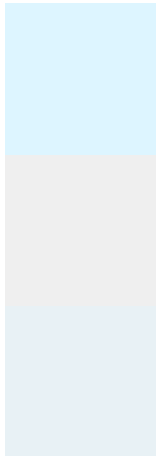
Deuteranomaly

242, 239, 255

Tritanomaly

226, 244, 255

Monochromacy



Original Color

221, 245, 255

Achromatopsia

239, 239, 239

Achromatomaly

232, 241, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 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(221, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 245, 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(221, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 245, 255) }
```

Border

The CSS property to change the border of an element to RGB 221, 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(221, 245, 255) }
```

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

```
.border{ border-color:rgb(221, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 245, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 245, 255); box-shadow:4px 4px 4px 4px rgb(221, 245, 255) }
```

Background

The CSS property to change the background color of an element to RGB 221, 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(221, 245, 255) }
```

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

```
.background{ background-color: rgb(221,  
245, 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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