

Converting Colors

RGB(225, 255, 253)

Have a look what the booklet for
RGB(225, 255, 253) contains.

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Color

RGB(225, 255, 253)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFFD
RGB	225, 255, 253
RGB Percent	88%, 100%, 99%
CMY	0.1176, 0.0000, 0.0078
CMYK	0.12, 0.00, 0.01, 0.00
HSL	176°, 100%, 94%
HSV	176°, 12%, 100%
XYZ	84.5410, 94.6194, 106.7361
YIQ	245.8020, -17.2380, -6.9820

Conversions

Conversions Part 2

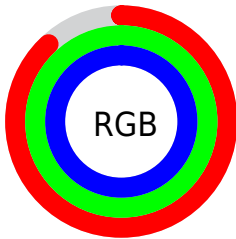
Format	Color
R _Y B	225, 241, 255
Decimal	14811133
CIE Lab	97.88, -10.01, -2.33
CIE LCh	98, 10.280, 193.101
Yxy	94.6194, 0.2957, 0.3310
Android (android.graphics.Color)	4293001213 (0xFFE1FFFD)
YUV	245.8020, 3.5486, -18.2434
Hunter-Lab	97.2725, -15.0899, 3.0325

Details

The RGB color **225, 255, 253** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 225, 227**, and the grayscale version is **246, 246, 246**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 198, 196** is the 20% darker color. If you saturate the color by 10%, you get **200, 255, 251**, and if you desaturate by 10%, it is **251, 255, 255**.

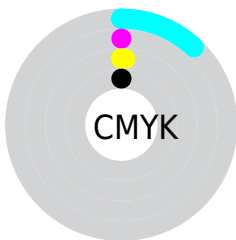
Distribution



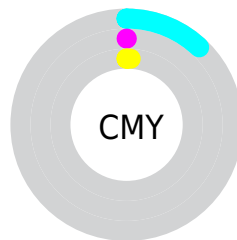
- Red (88%)
- Green (100%)
- Blue (99%)



- Red (88%)
- Yellow (95%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 255, 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 225, 255, 253 by changing the saturation by 10% instead.

 225, 255, 253

255, 255, 255


 225, 255, 253

 197, 226, 224


 169, 198, 196


 143, 171, 169

 117, 144, 143

 92, 119, 117

 68, 94, 93

 45, 70, 69

 23, 48, 47

 0, 27, 26

■ 225, 255, 253

■ 225, 255, 253

■ 200, 255, 251

■ 251, 255, 255

■ 174, 255, 250

255, 255, 255

■ 148, 255, 248

■ 123, 255, 246

■ 98, 255, 244

■ 72, 255, 243

■ 47, 255, 241

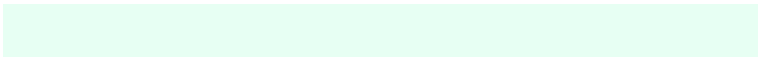
■ 21, 255, 239

■ 0, 255, 238

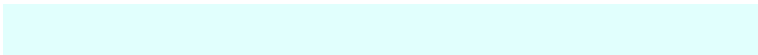
Harmonies

Analogous

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



231, 255, 243



225, 255, 253



226, 254, 255

Triad

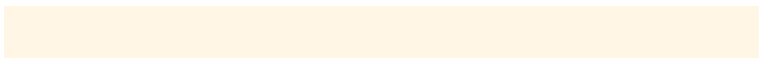
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225, 255, 253



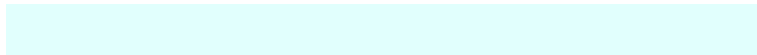
255, 245, 255



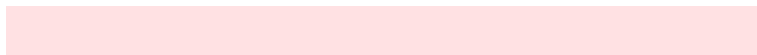
255, 246, 230

Complementary

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



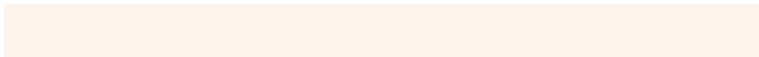
225, 255, 253



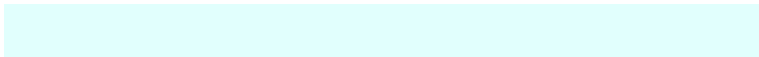
255, 225, 227

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.



255, 244, 236



225, 255, 253



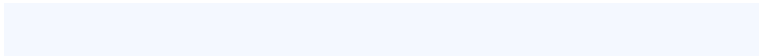
255, 243, 255

Square

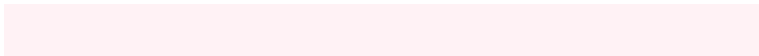
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225, 255, 253



244, 248, 255



255, 242, 245



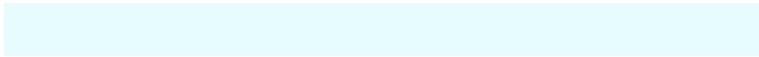
253, 250, 229

Rectangle

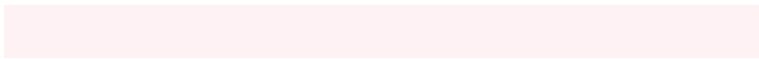
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



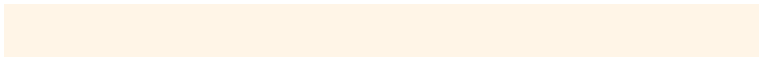
225, 255, 253



230, 252, 255



255, 242, 245



255, 245, 231

Sweetspot

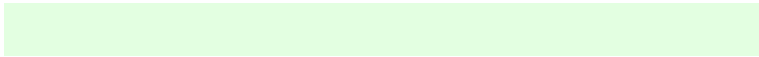
The Sweet Spot groups the original color and five complimentary colors.



225, 255, 253



245, 255, 254



227, 255, 225



121, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

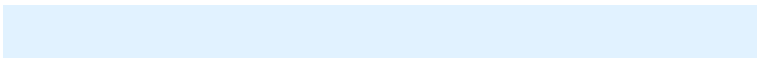
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 255, 253



219, 255, 253



225, 242, 255



115, 128, 127



0, 191, 178



0, 64, 59

Inverse Universe

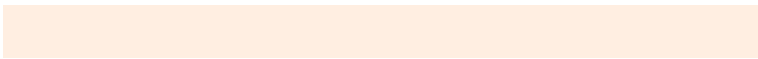
The Inverse Universe completely reimagines the original color for something new.



255, 225, 227



255, 219, 222



255, 238, 225



128, 115, 116



191, 0, 13



64, 0, 4

Previews

White Background



This preview shows how the RGB color 225, 255, 253 looks on a white background.

Color Contrast Check

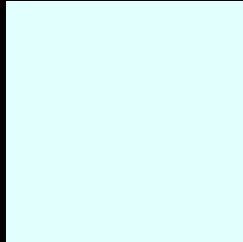
Large Text (above 18pt) WCAG AA × Fail

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 225, 255, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

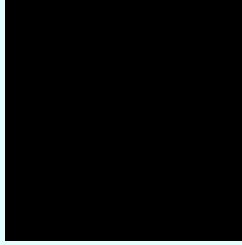
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

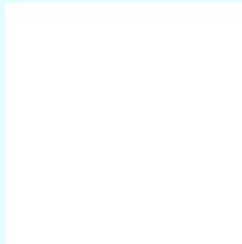
Any Text WCAG AAA ✓ Pass

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

RGB 225, 255, 253 Background



This preview shows how black text looks on a background with the RGB color 225, 255, 253.



This preview shows how white text looks on a background with the RGB color 225, 255, 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



Original Color
225, 255, 253



Protanopia
253, 247, 249

Deuteranopia
255, 246, 251



Tritanopia

243, 249, 255

Trichromacy



Original Color

225, 255, 253

Protanomaly

243, 250, 250

Deuteranomaly

244, 249, 252

Tritanomaly

236, 251, 254

Monochromacy



Original Color

225, 255, 253

Achromatopsia

246, 246, 246

Achromatomaly

238, 249, 249

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 255, 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(225, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 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(225, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 253) }
```

Border

The CSS property to change the border of an element to RGB 225, 255, 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(225, 255, 253) }
```

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

```
.border{ border-color:rgb(225, 255, 253) }
```

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

Here you see how a box with a 4 pixel rgb(225, 255, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 225, 255, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 253) }
```

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

```
.background{ background-color: rgb(225,  
255, 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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