

Converting Colors

RGB(175, 226, 251)

Have a look what the booklet for
RGB(175, 226, 251) contains.

RGB(175, 226, 251)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(175, 226, 251)

Conversions

Conversions Part 1

Format	Color
Hex	AFE2FB
RGB	175, 226, 251
RGB Percent	69%, 89%, 98%
CMY	0.3137, 0.1137, 0.0157
CMYK	0.30, 0.10, 0.00, 0.02
HSL	200°, 90%, 84%
HSV	200°, 30%, 98%
XYZ	62.2881, 70.4717, 101.5863
YIQ	213.6010, -38.4210, -3.0370

Conversions

Conversions Part 2

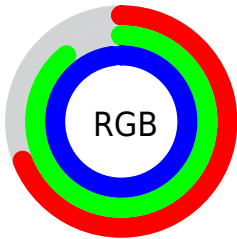
Format	Color
R _Y B	175, 206, 251
Decimal	11526907
CIE Lab	87.23, -10.64, -17.45
CIE LCh	87, 20.440, 238.617
Yxy	70.4717, 0.2658, 0.3007
Android (android.graphics.Color)	4289716987 (0xFFAFE2FB)
YUV	213.6010, 18.4377, -33.8531
Hunter-Lab	83.9474, -14.4628, -12.9847

Details

The RGB color **175, 226, 251** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **251, 200, 175**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **232, 255, 255**, and **120, 171, 194** is the 20% darker color. If you saturate the color by 10%, you get **150, 218, 251**, and if you desaturate by 10%, it is **200, 234, 251**.

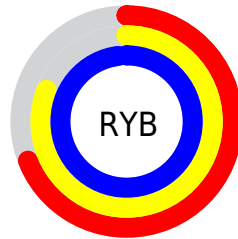
Distribution



Red (69%)

Green (89%)

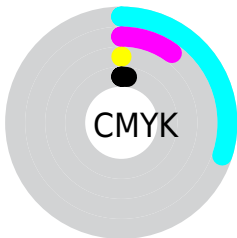
Blue (98%)



Red (69%)

Yellow (81%)

Blue (98%)

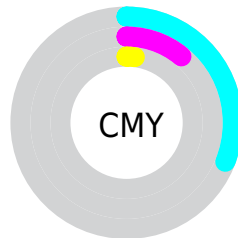


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 226, 251 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 175, 226, 251 by changing the saturation by 10% instead.


 175, 226, 251


255, 255, 255


 232, 255, 255


 175, 226, 251

 147, 198, 222

 120, 171, 194

 94, 144, 167

 67, 119, 141

 40, 94, 115

 4, 70, 91

 0, 48, 67

 0, 27, 45

 0, 1, 24

■ 175, 226, 251

■ 175, 226, 251

■ 150, 218, 251

■ 200, 234, 251

■ 125, 209, 251

■ 225, 243, 251

■ 100, 201, 251

■ 250, 251, 251

■ 75, 193, 251

■ 255, 255, 251

■ 50, 185, 251

■ 24, 176, 251

■ 0, 168, 251

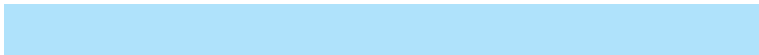
Harmonies

Analogous

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



167, 229, 236



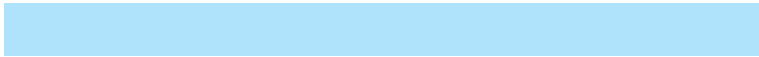
175, 226, 251



196, 220, 255

Triad

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



175, 226, 251



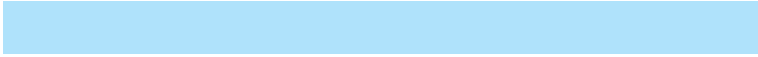
255, 205, 220



214, 223, 184

Complementary

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



175, 226, 251



251, 200, 175

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.



235, 217, 180



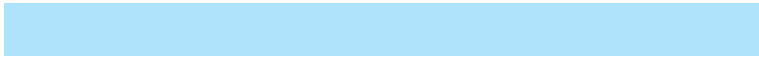
175, 226, 251



255, 206, 201

Square

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



175, 226, 251



243, 208, 239



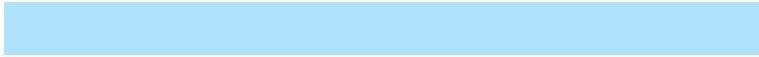
251, 211, 186



191, 228, 198

Rectangle

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



175, 226, 251



213, 216, 255



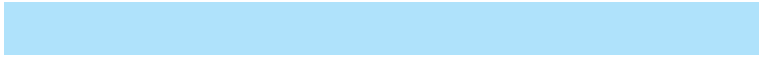
251, 211, 186



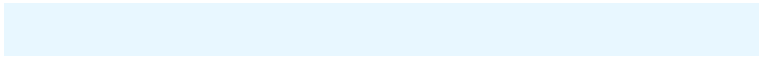
221, 221, 182

Sweetspot

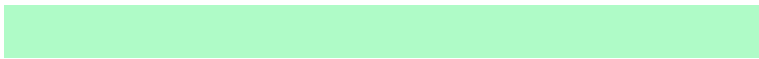
The Sweet Spot groups the original color and five complimentary colors.



175, 226, 251



232, 247, 255



175, 251, 199



113, 123, 128



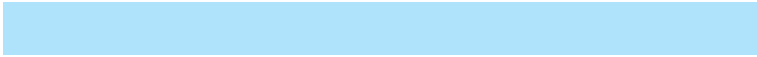
0, 0, 0



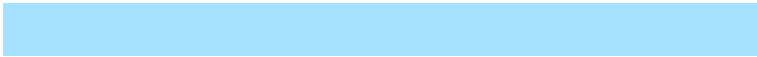
128, 128, 128

Same Dimension

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



175, 226, 251



163, 225, 255



175, 189, 251



112, 121, 125



0, 127, 189



0, 41, 61

Inverse Universe

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



251, 175, 226



255, 163, 225



251, 237, 175



125, 112, 121



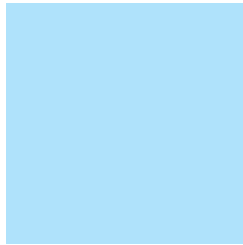
189, 0, 127



61, 0, 41

Previews

White Background



This preview shows how the RGB color 175, 226, 251 looks on a white background.

Color Contrast Check

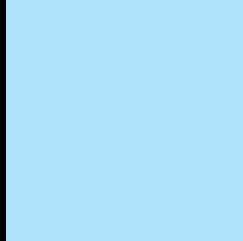
Large Text (above 18pt) WCAG AA × Fail

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 175, 226, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

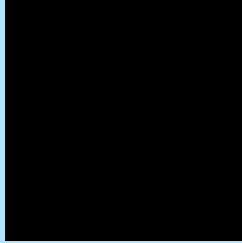
Any Text WCAG AA ✓ Pass

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 175, 226, 251 Background



This preview shows how black text looks on a background with the RGB color 175, 226, 251.

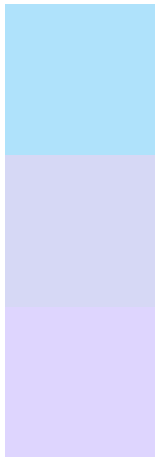


This preview shows how white text looks on a background with the RGB color 175, 226, 251.

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
175, 226, 251

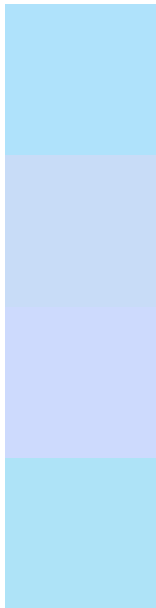
Protanopia
214, 216, 245

Deuteranopia
222, 213, 254



Tritanopia
174, 227, 245

Trichromacy



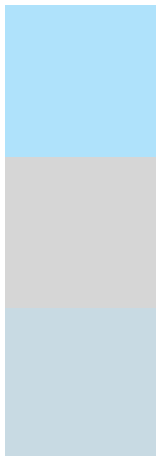
Original Color
175, 226, 251

Protanomaly
200, 220, 247

Deuteranomaly
205, 218, 253

Tritanomaly
174, 227, 247

Monochromacy



Original Color
175, 226, 251

Achromatopsia
214, 214, 214

Achromatomaly
200, 218, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 226, 251 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(175, 226, 251)` looks like.

```
.text, #text, p{  
    color:rgb(175, 226, 251)  
}
```

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(175, 226, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 226, 251) }
```

Border

The CSS property to change the border of an element to RGB 175, 226, 251 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(175, 226, 251) }
```

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

```
.border{ border-color:rgb(175, 226, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 226, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 226, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 226, 251);  
box-shadow:4px 4px 4px 4px rgb(175, 226,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 175, 226, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 226, 251) }
```

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

```
.background{ background-color: rgb(175,  
226, 251) }
```

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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