

Converting Colors

RGB(164, 246, 223)

Have a look what the booklet for
RGB(164, 246, 223) contains.

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Color

RGB(164, 246, 223)

Conversions

Conversions Part 1

Format	Color
Hex	A4F6DF
RGB	164, 246, 223
RGB Percent	64%, 96%, 87%
CMY	0.3569, 0.0353, 0.1255
CMYK	0.33, 0.00, 0.09, 0.04
HSL	163°, 82%, 80%
HSV	163°, 33%, 96%
XYZ	61.5849, 79.1318, 81.8401
YIQ	218.8600, -41.4890, -24.5370

Conversions

Conversions Part 2

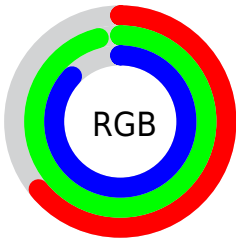
Format	Color
RYB	164, 212, 246
Decimal	10811103
CIELab	91.29, -29.81, 3.15
CIELCh	91, 29.977, 173.977
Yxy	79.1318, 0.2767, 0.3556
Android (android.graphics.Color)	4289001183 (0xFFA4F6DF)
YUV	218.8600, 2.0410, -48.1122
Hunter-Lab	88.9560, -32.0962, 7.7220

Details

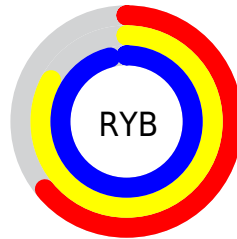
The RGB color **164, 246, 223** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **246, 164, 187**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **221, 255, 255**, and **109, 189, 168** is the 20% darker color. If you saturate the color by 10%, you get **139, 246, 216**, and if you desaturate by 10%, it is **189, 246, 230**.

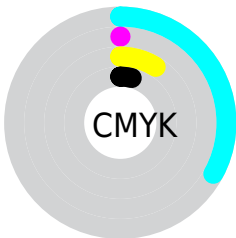
Distribution



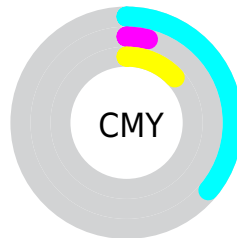
- Red (64%)
- Green (96%)
- Blue (87%)



- Red (64%)
- Yellow (83%)
- Blue (96%)



- Cyan (33%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 246, 223 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 164, 246, 223 by changing the saturation by 10% instead.

 164, 246, 223

255, 255, 255


 221, 255, 255


 250, 255, 255


 164, 246, 223

 136, 217, 195

 109, 189, 168

 82, 162, 141

 54, 136, 116

 21, 110, 91

 0, 85, 68

 0, 61, 46

 0, 39, 25

 0, 9, 0

 164, 246, 223

 164, 246, 223

 139, 246, 216

 189, 246, 230

 115, 246, 209

 213, 246, 237

 90, 246, 202

 238, 246, 244

 66, 246, 195

 255, 246, 251

 41, 246, 189

 255, 246, 255

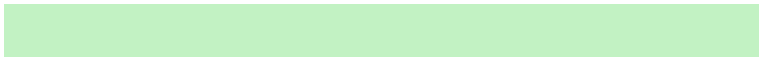
 16, 246, 182

 0, 246, 177

Harmonies

Analogous

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



194, 242, 195



164, 246, 223



147, 246, 252

Triad

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



164, 246, 223



227, 225, 255



255, 217, 185

Complementary

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



164, 246, 223



246, 164, 187

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, 210, 208



164, 246, 223



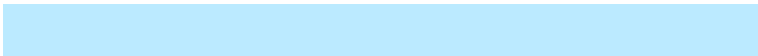
255, 215, 255

Square

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



164, 246, 223



187, 234, 255



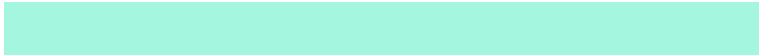
255, 210, 237



255, 226, 173

Rectangle

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



164, 246, 223



150, 244, 255



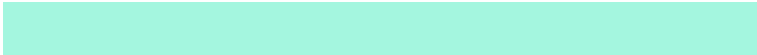
255, 210, 237



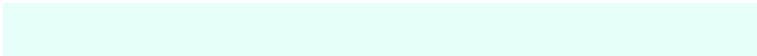
255, 214, 191

Sweetspot

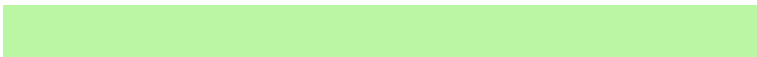
The Sweet Spot groups the original color and five complimentary colors.



164, 246, 223



230, 255, 248



187, 246, 164



112, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



164, 246, 223



153, 255, 226



164, 228, 246



110, 122, 119



0, 186, 134



0, 59, 42

Inverse Universe

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



246, 164, 187



255, 153, 182



246, 182, 164



122, 110, 114



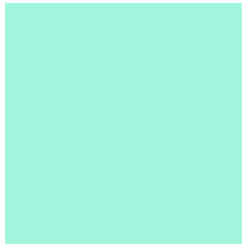
186, 0, 52



59, 0, 16

Previews

White Background



This preview shows how the RGB color 164, 246, 223 looks on a white background.

Color Contrast Check

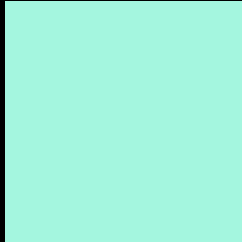
Large Text (above 18pt) WCAG AA × Fail

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 164, 246, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

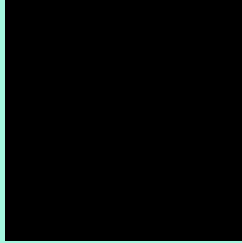
Any Text WCAG AA ✓ Pass

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 164, 246, 223 Background



This preview shows how black text looks on a background with the RGB color 164, 246, 223.

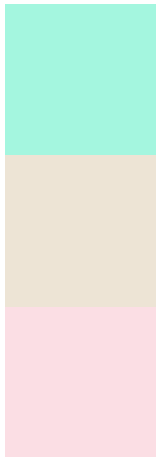


This preview shows how white text looks on a background with the RGB color 164, 246, 223.

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
164, 246, 223

Protanopia
237, 228, 213

Deuteranopia
251, 222, 228



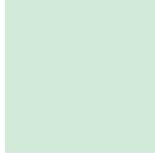
Tritanopia
184, 239, 255

Trichromacy



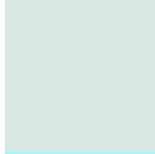
Original Color

164, 246, 223



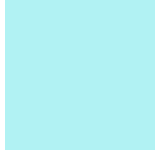
Protanomaly

210, 235, 217



Deuteranomaly

219, 231, 226



Tritanomaly

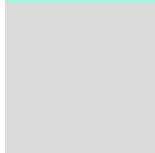
177, 242, 243

Monochromacy



Original Color

164, 246, 223



Achromatopsia

219, 219, 219



Achromatomaly

199, 229, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 246, 223 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(164, 246, 223)` looks like.

```
.text, #text, p{  
    color:rgb(164, 246, 223)  
}
```

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(164, 246, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 246, 223) }
```

Border

The CSS property to change the border of an element to RGB 164, 246, 223 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(164, 246, 223) }
```

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

```
.border{ border-color:rgb(164, 246, 223) }
```

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

Here you see how a box with a 4 pixel rgb(164, 246, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 246, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 246, 223);  
box-shadow:4px 4px 4px 4px rgb(164, 246,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 164, 246, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 246, 223) }
```

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

```
.background{ background-color: rgb(164,  
246, 223) }
```

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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