

Converting Colors

RGB(163, 246, 223)

Have a look what the booklet for
RGB(163, 246, 223) contains.

RGB(163, 246, 223)	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(163, 246, 223)

Conversions

Conversions Part 1

Format	Color
Hex	A3F6DF
RGB	163, 246, 223
RGB Percent	64%, 96%, 87%
CMY	0.3608, 0.0353, 0.1255
CMYK	0.34, 0.00, 0.09, 0.04
HSL	163°, 82%, 80%
HSV	163°, 34%, 96%
XYZ	61.3793, 79.0258, 81.8305
YIQ	218.5610, -42.0850, -24.7490

Conversions

Conversions Part 2

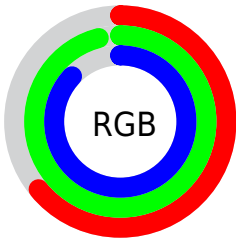
Format	Color
RYB	163, 211, 246
Decimal	10745567
CIELab	91.25, -30.09, 3.07
CIELCh	91, 30.243, 174.174
Yxy	79.0258, 0.2762, 0.3556
Android (android.graphics.Color)	4288935647 (0xFFA3F6DF)
YUV	218.5610, 2.1884, -48.7270
Hunter-Lab	88.8964, -32.3219, 7.6502

Details

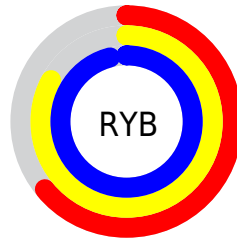
The RGB color **163, 246, 223** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **246, 163, 186**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **220, 255, 255**, and **108, 189, 168** is the 20% darker color. If you saturate the color by 10%, you get **138, 246, 216**, and if you desaturate by 10%, it is **188, 246, 230**.

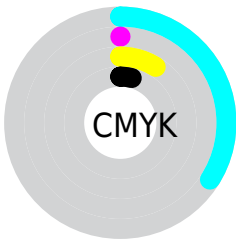
Distribution



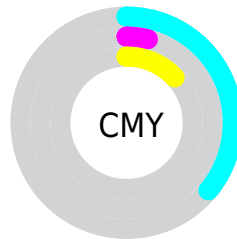
- Red (64%)
- Green (96%)
- Blue (87%)



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



- Cyan (34%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 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 163, 246, 223 by changing the saturation by 10% instead.

 163, 246, 223

255, 255, 255


 220, 255, 255


 249, 255, 255


 163, 246, 223


 135, 217, 195

 108, 189, 168

 80, 162, 141

 52, 136, 116

 19, 110, 91

 0, 85, 68

 0, 61, 46

 0, 39, 25

 0, 9, 0

 163, 246, 223

 163, 246, 223

 138, 246, 216

 188, 246, 230

 114, 246, 209

 212, 246, 237

 89, 246, 203

 237, 246, 243

 65, 246, 196

 255, 246, 250

 40, 246, 189

 255, 246, 255

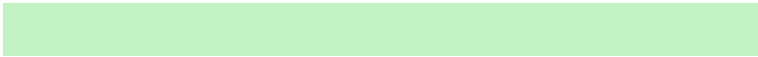
 15, 246, 182

 0, 246, 178

Harmonies

Analogous

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



193, 242, 195



163, 246, 223



146, 246, 253

Triad

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



163, 246, 223



227, 224, 255



255, 217, 184

Complementary

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



163, 246, 223



246, 163, 186

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, 207



163, 246, 223



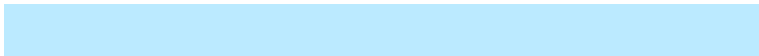
255, 215, 255

Square

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



163, 246, 223



187, 234, 255



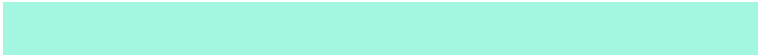
255, 209, 237



255, 226, 173

Rectangle

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



163, 246, 223



149, 244, 255



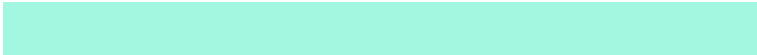
255, 209, 237



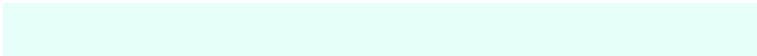
255, 214, 191

Sweetspot

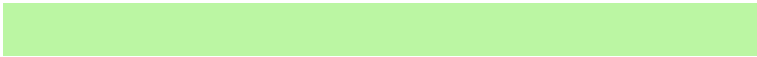
The Sweet Spot groups the original color and five complimentary colors.



163, 246, 223



230, 255, 248



187, 246, 163



112, 128, 123



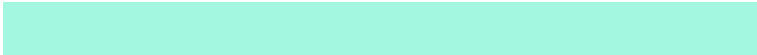
0, 0, 0



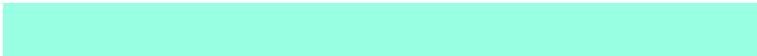
128, 128, 128

Same Dimension

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



163, 246, 223



153, 255, 227



163, 228, 246



110, 122, 119



0, 186, 135



0, 59, 42

Inverse Universe

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



246, 163, 186



255, 153, 181



246, 181, 163



122, 110, 114



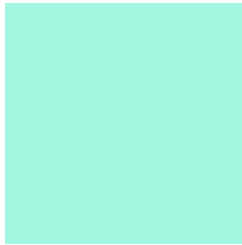
186, 0, 52



59, 0, 16

Previews

White Background



This preview shows how the RGB color 163, 246, 223 looks on a white background.

Color Contrast Check

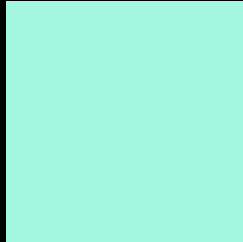
Large Text (above 18pt) WCAG AA × Fail

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 163, 246, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

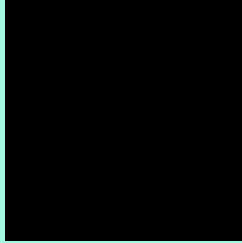
Any Text WCAG AA ✓ Pass

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 163, 246, 223 Background



This preview shows how black text looks on a background with the RGB color 163, 246, 223.

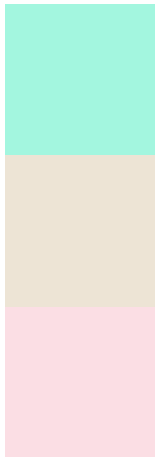


This preview shows how white text looks on a background with the RGB color 163, 246, 223.

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
163, 246, 223

Protanopia
237, 228, 213

Deuteranopia
251, 222, 228



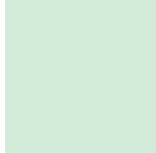
Tritanopia
183, 239, 255

Trichromacy



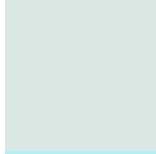
Original Color

163, 246, 223



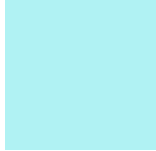
Protanomaly

210, 235, 217



Deuteranomaly

219, 231, 226



Tritanomaly

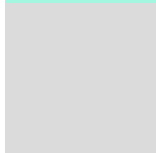
176, 242, 243

Monochromacy



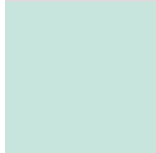
Original Color

163, 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 163, 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(163, 246, 223)` looks like.

```
.text, #text, p{  
    color:rgb(163, 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(163, 246, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 246, 223) }
```

Border

The CSS property to change the border of an element to RGB 163, 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(163, 246, 223) }
```

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

```
.border{ border-color:rgb(163, 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(163, 246, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 246, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 246, 223);  
box-shadow:4px 4px 4px 4px rgb(163, 246,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 163, 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(163, 246, 223) }
```

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

```
.background{ background-color: rgb(163,  
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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