

Converting Colors

RGB(162, 246, 229)

Have a look what the booklet for
RGB(162, 246, 229) contains.

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Color

RGB(162, 246, 229)

Conversions

Conversions Part 1

Format	Color
Hex	A2F6E5
RGB	162, 246, 229
RGB Percent	64%, 96%, 90%
CMY	0.3647, 0.0353, 0.1020
CMYK	0.34, 0.00, 0.07, 0.04
HSL	168°, 82%, 80%
HSV	168°, 34%, 96%
XYZ	61.9989, 79.2501, 86.1578
YIQ	218.9460, -44.6070, -23.0950

Conversions

Conversions Part 2

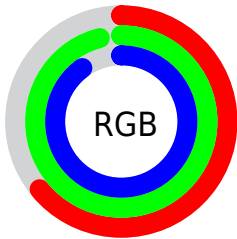
Format	Color
R _{YB}	162, 209, 246
Decimal	10680037
CIE Lab	91.35, -29.07, 0.09
CIE LCh	91, 29.075, 179.814
Yxy	79.2501, 0.2726, 0.3485
Android (android.graphics.Color)	4288870117 (0xFFA2F6E5)
YUV	218.9460, 4.9566, -49.9416
Hunter-Lab	89.0225, -31.4747, 4.9336

Details

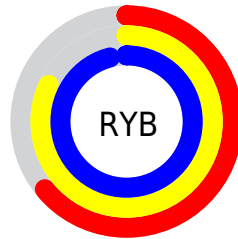
The RGB color **162, 246, 229** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **246, 162, 179**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **219, 255, 255**, and **107, 189, 174** is the 20% darker color. If you saturate the color by 10%, you get **137, 246, 224**, and if you desaturate by 10%, it is **187, 246, 234**.

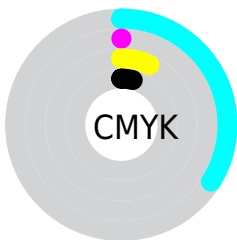
Distribution



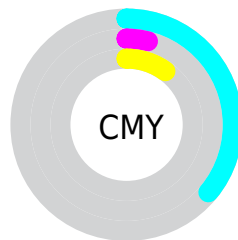
- Red (64%)
- Green (96%)
- Blue (90%)



- Red (64%)
- Yellow (82%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 246, 229 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 162, 246, 229 by changing the saturation by 10% instead.

 162, 246, 229


255, 255, 255

 219, 255, 255


 249, 255, 255

 162, 246, 229


 134, 217, 201

 107, 189, 174

 79, 162, 147

 50, 136, 121

 14, 110, 97

 0, 85, 73

 0, 61, 50

 0, 39, 29

 0, 9, 4

 162, 246, 229

 162, 246, 229

 137, 246, 224

 187, 246, 234

 113, 246, 219

 211, 246, 239

 88, 246, 214

 236, 246, 244

 64, 246, 209

 255, 246, 249

 39, 246, 204

 255, 246, 254

 14, 246, 199

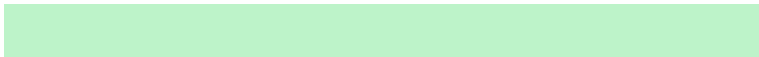
 255, 246, 255

 0, 246, 196

Harmonies

Analogous

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



189, 243, 201



162, 246, 229



150, 245, 255

Triad

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



162, 246, 229



235, 223, 255



255, 219, 183

Complementary

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



162, 246, 229



246, 162, 179

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, 212, 204



162, 246, 229



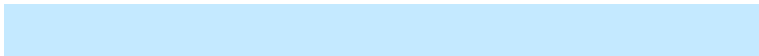
255, 215, 255

Square

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



162, 246, 229



196, 233, 255



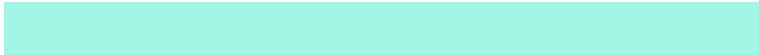
255, 210, 231



251, 228, 175

Rectangle

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



162, 246, 229



156, 243, 255



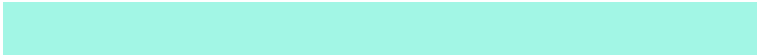
255, 210, 231



255, 216, 189

Sweetspot

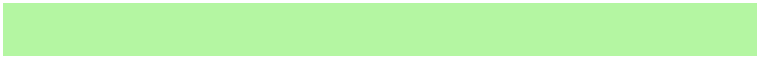
The Sweet Spot groups the original color and five complimentary colors.



162, 246, 229



230, 255, 250



180, 246, 162



112, 128, 124



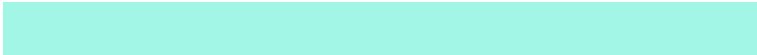
0, 0, 0



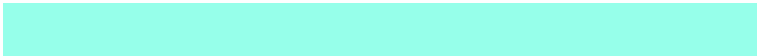
128, 128, 128

Same Dimension

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



162, 246, 229



150, 255, 234



162, 222, 246



110, 122, 120



0, 186, 148



0, 59, 47

Inverse Universe

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



246, 162, 179



255, 150, 172



246, 186, 162



122, 110, 113



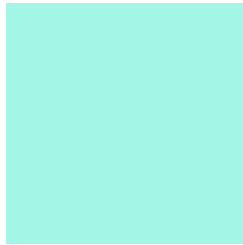
186, 0, 38



59, 0, 12

Previews

White Background



This preview shows how the RGB color 162, 246, 229 looks on a white background.

Color Contrast Check

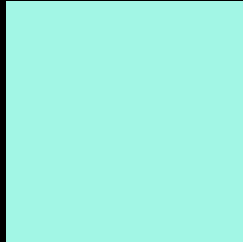
Large Text (above 18pt) WCAG AA × Fail

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 162, 246, 229 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

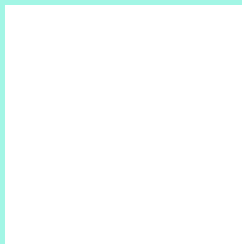
Any Text WCAG AAA ✓ Pass

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

RGB 162, 246, 229 Background



This preview shows how black text looks on a background with the RGB color 162, 246, 229.

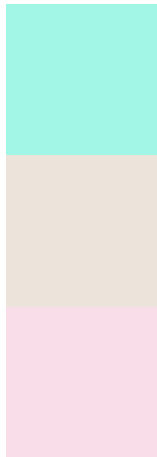


This preview shows how white text looks on a background with the RGB color 162, 246, 229.

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
162, 246, 229

Protanopia
236, 228, 219

Deuteranopia
249, 222, 234



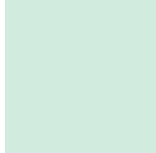
Tritanopia
183, 239, 255

Trichromacy



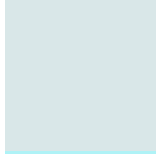
Original Color

162, 246, 229



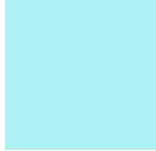
Protanomaly

209, 235, 223



Deuteranomaly

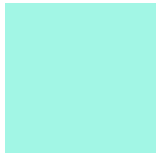
217, 231, 232



Tritanomaly

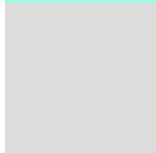
175, 242, 246

Monochromacy



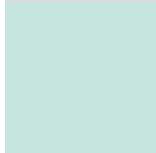
Original Color

162, 246, 229



Achromatopsia

219, 219, 219



Achromatomaly

198, 229, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 246, 229 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(162, 246, 229)` looks like.

```
.text, #text, p{  
    color:rgb(162, 246, 229)  
}
```

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(162, 246, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 246, 229) }
```

Border

The CSS property to change the border of an element to RGB 162, 246, 229 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(162, 246, 229) }
```

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

```
.border{ border-color:rgb(162, 246, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 246, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 246, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 246, 229);  
box-shadow:4px 4px 4px 4px rgb(162, 246,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 162, 246, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 246, 229) }
```

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

```
.background{ background-color: rgb(162,  
246, 229) }
```

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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