Converting Colors

RGB(162, 221, 214)

Have a look what the booklet for RGB(162, 221, 214) contains.

Color

RGB(162, 221, 214)

Conversions

Conversions Part 1

Format	Color
Hex	A2DDD6
RGB	162, 221, 214
RGB Percent	64%, 87%, 84%
CMY	0.3647, 0.1333, 0.1608
CMYK	0.27, 0.00, 0.03, 0.13
HSL	173°, 46%, 75%
HSV	173°, 27%, 87%
XYZ	52.8943, 64.2493, 73.2319
YIQ	202.5610, -32.9170, -14.6850

Conversions

Conversions Part 2

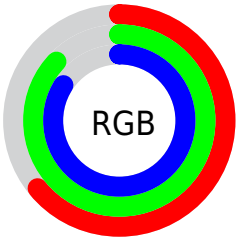
Format	Color
RYB	162, 193, 221
Decimal	10673622
CIELab	84.10, -20.18, -2.65
CIELCh	84, 20.349, 187.489
Yxy	64.2493, 0.2778, 0.3375
Android (android.graphics.Color)	4288863702 (0xFFA2DDD6)
YUV	202.5610, 5.6394, -35.5720
Hunter-Lab	80.1557, -22.4811, 1.9404

Details

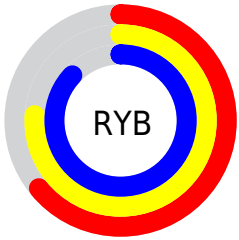
The RGB color 162, 221, 214 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 221, 162, 169, and the grayscale version is 203, 203, 203.

A 20% lighter version of the original color is 218, 255, 255, and 108, 166, 159 is the 20% darker color. If you saturate the color by 10%, you get 140, 221, 211, and if you desaturate by 10%, it is 184, 221, 217.

Distribution

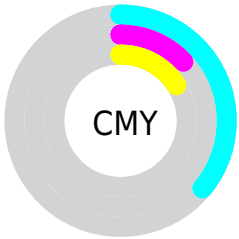


- Red (64%)
- Green (87%)
- Blue (84%)



- Red (64%)
- Yellow (76%)
- Blue (87%)

- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (36%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 221, 214 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, 221, 214 by changing the saturation by 10% instead.

162, 221, 214	162, 221, 214
255, 255, 255	135, 193, 186
218, 255, 255	108, 166, 159
247, 255, 255	82, 139, 133
	57, 114, 108
	30, 89, 84
	0, 65, 61
	0, 43, 39
	0, 23, 18
	0, 0, 0

162, 221, 214	162, 221, 214
140, 221, 211	184, 221, 217
118, 221, 209	206, 221, 219
96, 221, 206	228, 221, 222
74, 221, 204	250, 221, 224
51, 221, 201	255, 221, 227
29, 221, 198	255, 221, 230
7, 221, 196	255, 221, 232
0, 221, 195	255, 221, 235
	255, 221, 238

Harmonies

Analogous

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

177, 220, 194

162, 221, 214

159, 220, 232

Triad

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

162, 221, 214

219, 203, 240

238, 204, 175

Complementary

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

162, 221, 214

221, 162, 169

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.

248, 198, 187

162, 221, 214

239, 198, 225

Square

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

162, 221, 214

194, 210, 247

249, 196, 205

220, 210, 172

Rectangle

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

162, 221, 214

166, 217, 241

249, 196, 205

242, 202, 178

Sweetspot

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

162, 221, 214

235, 255, 253

170, 221, 162

115, 128, 126

0, 0, 0

128, 128, 128

Same Dimension

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

162, 221, 214

173, 255, 245

162, 199, 221

99, 110, 108

0, 173, 153

0, 46, 40

Inverse Universe

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

221, 162, 169

255, 173, 183

221, 184, 162

110, 99, 100

173, 0, 21

46, 0, 5

Previews

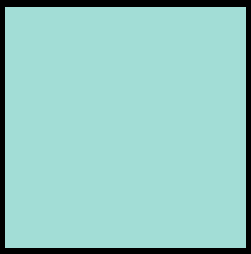
White Background

This preview shows how the RGB color 162, 221, 214 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



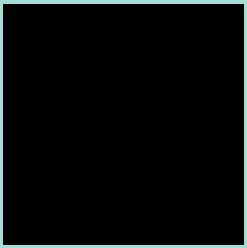
This preview shows how the RGB color 162, 221, 214 looks on a black background.

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, 221, 214 Background



This preview shows how black text looks on a background with the RGB color 162, 221, 214.

This preview shows how white text looks on a background with the RGB color 162, 221, 214.

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, 221, 214

Protanopia
213, 208, 207

Deuteranopia
225, 203, 218

Tritanopia
167, 218, 235

Trichromacy

Original Color
162, 221, 214

Protanomaly
194, 213, 210

Deuteranomaly
202, 210, 217

Tritanomaly
165, 219, 227

Monochromacy

Original Color
162, 221, 214

Achromatopsia
203, 203, 203

Achromatomaly
188, 210, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 221, 214 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, 221, 214) looks like.

```
.text, #text, p{
    color:rgb(162, 221, 214)
}
```

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, 221, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 221, 214) }
```

Border

The CSS property to change the border of an element to RGB 162, 221, 214 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, 221, 214) }
```

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

```
.border{ border-color:rgb(162, 221, 214) }
```

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

Here you see how a box with a 4 pixel rgb(162, 221, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 221, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 221, 214); box-shadow:4px 4px 4px 4px rgb(162, 221, 214) }
```

Background

The CSS property to change the background color of an element to RGB 162, 221, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(162, 221, 214) }
```

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

```
.background{ background-color:rgb(162,
221, 214) }
```

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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