Converting Colors

RGB(162, 234, 244)

Have a look what the booklet for RGB(162, 234, 244) contains.

Color

RGB(162, 234, 244)

Conversions

Conversions Part 1

Format	Color
Hex	A2EAF4
RGB	162, 234, 244
RGB Percent	64%, 92%, 96%
CMY	0.3647, 0.0824, 0.0431
CMYK	0.34, 0.04, 0.00, 0.04
HSL	187°, 79%, 80%
HSV	187°, 34%, 96%
XYZ	60.6522, 73.0587, 96.4930
YIQ	213.6120, -46.1220, -12.1540

Conversions

Conversions Part 2

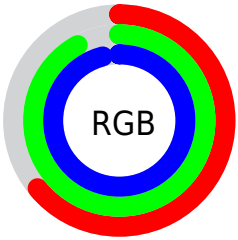
Format	Color
RYB	162, 200, 244
Decimal	10676980
CIELab	88.48, -19.86, -11.98
CIELCh	88, 23.191, 211.091
Yxy	73.0587, 0.2635, 0.3174
Android (android.graphics.Color)	4288867060 (0xFFA2EAF4)
YUV	213.6120, 14.9813, -45.2637
Hunter-Lab	85.4744, -22.9173, -7.1011

Details

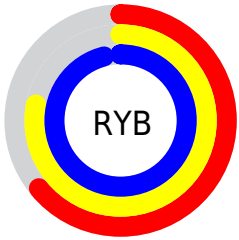
The RGB color 162, 234, 244 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 244, 172, 162, and the grayscale version is 214, 214, 214.

A 20% lighter version of the original color is 219, 255, 255, and 107, 178, 188 is the 20% darker color. If you saturate the color by 10%, you get 138, 231, 244, and if you desaturate by 10%, it is 186, 237, 244.

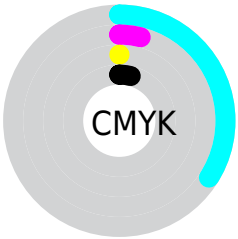
Distribution



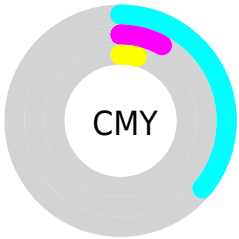
- Red (64%)
- Green (92%)
- Blue (96%)



- Red (64%)
- Yellow (78%)
- Blue (96%)



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



- Cyan (36%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 234, 244 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, 234, 244 by changing the saturation by 10% instead.

162, 234, 244	162, 234, 244
255, 255, 255	134, 206, 216
219, 255, 255	107, 178, 188
249, 255, 255	79, 151, 161
	51, 125, 135
	15, 100, 109
	0, 76, 85
	0, 53, 62
	0, 32, 40
	0, 1, 20

162, 234, 244	162, 234, 244
138, 231, 244	186, 237, 244
113, 228, 244	211, 240, 244
89, 225, 244	235, 243, 244
64, 222, 244	255, 246, 244
40, 219, 244	255, 249, 244
16, 216, 244	255, 252, 244
0, 214, 244	255, 255, 244
	255, 255, 244

Harmonies

Analogous

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

169, 235, 222

162, 234, 244

173, 230, 255

Triad

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

162, 234, 244

252, 210, 244

238, 221, 178

Complementary

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

162, 234, 244

244, 172, 162

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, 214, 184

162, 234, 244

255, 207, 222

Square

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

162, 234, 244

227, 216, 255

255, 208, 200

214, 228, 184

Rectangle

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

162, 234, 244

188, 226, 255

255, 208, 200

246, 218, 179

Sweetspot

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

162, 234, 244

230, 252, 255

162, 244, 172

112, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

162, 234, 244

153, 243, 255

162, 193, 244

110, 121, 122

0, 163, 186

0, 51, 59

Inverse Universe

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

244, 162, 234

255, 153, 243

244, 213, 162

122, 110, 121

186, 0, 163

59, 0, 51

Previews

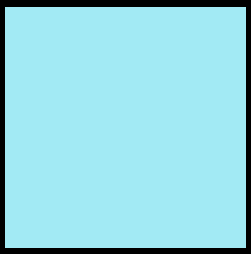
White Background

This preview shows how the RGB color 162, 234, 244 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



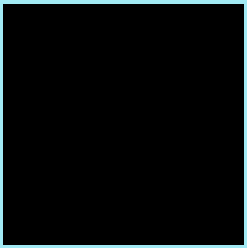
This preview shows how the RGB color 162, 234, 244 looks on a black background.

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, 234, 244 Background



This preview shows how black text looks on a background with the RGB color 162, 234, 244.

This preview shows how white text looks on a background with the RGB color 162, 234, 244.

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, 234, 244

Protanopia
221, 220, 235

Deuteranopia
230, 215, 248

Tritanopia
164, 233, 252

Trichromacy

Original Color
162, 234, 244

Protanomaly
200, 225, 238

Deuteranomaly
205, 222, 247

Tritanomaly
163, 233, 249

Monochromacy

Original Color
162, 234, 244

Achromatopsia
214, 214, 214

Achromatomaly
195, 221, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 234, 244 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, 234, 244) looks like.

```
.text, #text, p{
    color:rgb(162, 234, 244)
}
```

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, 234, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 234, 244) }
```

Border

The CSS property to change the border of an element to RGB 162, 234, 244 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, 234, 244) }
```

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

```
.border{ border-color:rgb(162, 234, 244) }
```

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

Here you see how a box with a 4 pixel rgb(162, 234, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 234, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 234, 244); box-shadow:4px 4px 4px 4px rgb(162, 234, 244) }
```

Background

The CSS property to change the background color of an element to RGB 162, 234, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(162, 234, 244) }
```

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

```
.background{ background-color:rgb(162,
234, 244) }
```

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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