Converting Colors

RGB(164, 230, 240)

Have a look what the booklet for RGB(164, 230, 240) contains.

Color

RGB(164, 230, 240)

Conversions

Conversions Part 1

Format	Color
Hex	A4E6F0
RGB	164, 230, 240
RGB Percent	64%, 90%, 94%
CMY	0.3569, 0.0980, 0.0588
CMYK	0.32, 0.04, 0.00, 0.06
HSL	188°, 72%, 79%
HSV	188°, 32%, 94%
XYZ	59.3348, 70.7774, 92.9722
YIQ	211.4060, -42.5460, -10.8820

Conversions

Conversions Part 2

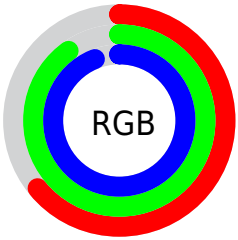
Format	Color
RYB	164, 199, 240
Decimal	10807024
CIELab	87.38, -18.26, -11.51
CIELCh	87, 21.584, 212.211
Yxy	70.7774, 0.2660, 0.3173
Android (android.graphics.Color)	4288997104 (0xFFA4E6F0)
YUV	211.4060, 14.0968, -41.5751
Hunter-Lab	84.1293, -21.3336, -6.6315

Details

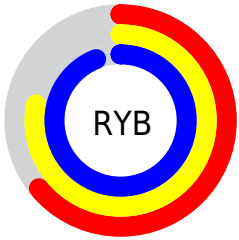
The RGB color 164, 230, 240 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 240, 174, 164, and the grayscale version is 211, 211, 211.

A 20% lighter version of the original color is 221, 255, 255, and 109, 174, 184 is the 20% darker color. If you saturate the color by 10%, you get 140, 227, 240, and if you desaturate by 10%, it is 188, 233, 240.

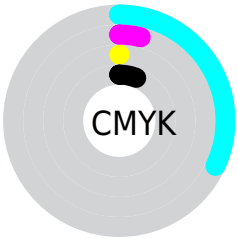
Distribution



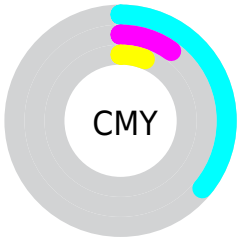
- Red (64%)
- Green (90%)
- Blue (94%)



- Red (64%)
- Yellow (78%)
- Blue (94%)



- Cyan (32%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (36%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 230, 240 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, 230, 240 by changing the saturation by 10% instead.

164, 230, 240	164, 230, 240
255, 255, 255	136, 202, 212
221, 255, 255	109, 174, 184
250, 255, 255	82, 148, 157
	55, 122, 131
	24, 97, 106
	0, 73, 82
	0, 50, 59
	0, 30, 37
	0, 1, 16

164, 230, 240	164, 230, 240
140, 227, 240	188, 233, 240
116, 224, 240	212, 236, 240
92, 221, 240	236, 239, 240
68, 217, 240	255, 243, 240
44, 214, 240	255, 246, 240
20, 211, 240	255, 249, 240
0, 208, 240	255, 252, 240
	255, 255, 240

Harmonies

Analogous

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

170, 231, 220

164, 230, 240

175, 226, 255

Triad

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

164, 230, 240

247, 207, 238

234, 218, 178

Complementary

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

164, 230, 240

240, 174, 164

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.

252, 211, 183

164, 230, 240

255, 205, 218

Square

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

164, 230, 240

225, 213, 254

255, 206, 198

211, 224, 184

Rectangle

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

164, 230, 240

189, 222, 255

255, 206, 198

240, 216, 179

Sweetspot

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

164, 230, 240

230, 252, 255

164, 240, 173

112, 125, 128

0, 0, 0

128, 128, 128

Same Dimension

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

164, 230, 240

158, 242, 255

164, 193, 240

108, 118, 120

0, 159, 184

0, 49, 56

Inverse Universe

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

240, 164, 230

255, 158, 242

240, 211, 164

120, 108, 118

184, 0, 159

56, 0, 49

Previews

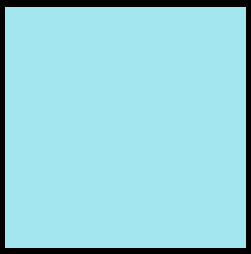
White Background

This preview shows how the RGB color 164, 230, 240 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



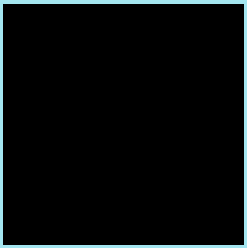
This preview shows how the RGB color 164, 230, 240 looks on a black background.

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, 230, 240 Background



This preview shows how black text looks on a background with the RGB color 164, 230, 240.

This preview shows how white text looks on a background with the RGB color 164, 230, 240.

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, 230, 240

Protanopia
218, 217, 232

Deuteranopia
227, 212, 244

Tritanopia
166, 229, 247

Trichromacy

Original Color
164, 230, 240

Protanomaly
198, 222, 235

Deuteranomaly
204, 219, 243

Tritanomaly
165, 229, 244

Monochromacy

Original Color
164, 230, 240

Achromatopsia
211, 211, 211

Achromatomaly
194, 218, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 230, 240 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, 230, 240) looks like.

```
.text, #text, p{
    color:rgb(164, 230, 240)
}
```

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, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 230, 240) }
```

Border

The CSS property to change the border of an element to RGB 164, 230, 240 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, 230, 240) }
```

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

```
.border{ border-color:rgb(164, 230, 240) }
```

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

Here you see how a box with a 4 pixel rgb(164, 230, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 230, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 230, 240); box-shadow:4px 4px 4px 4px rgb(164, 230, 240) }
```

Background

The CSS property to change the background color of an element to RGB 164, 230, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(164, 230, 240) }
```

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

```
.background{ background-color:rgb(164,
230, 240) }
```

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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