

Converting Colors

RGB(170, 255, 235)

Have a look what the booklet for
RGB(170, 255, 235) contains.

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Color

RGB(170, 255, 235)

Conversions

Conversions Part 1

Format	Color
Hex	AAFFEB
RGB	170, 255, 235
RGB Percent	67%, 100%, 92%
CMY	0.3333, 0.0000, 0.0784
CMYK	0.33, 0.00, 0.08, 0.00
HSL	166°, 100%, 83%
HSV	166°, 33%, 100%
XYZ	67.3330, 86.0642, 91.6605
YIQ	227.3050, -44.2400, -24.2400

Conversions

Conversions Part 2

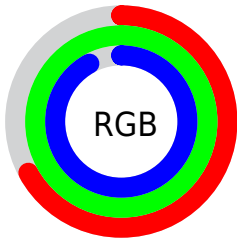
Format	Color
RYB	170, 218, 255
Decimal	11206635
CIELab	94.34, -29.88, 1.40
CIELCh	94, 29.911, 177.324
Yxy	86.0642, 0.2748, 0.3512
Android (android.graphics.Color)	4289396715 (0xFFAAFFEB)
YUV	227.3050, 3.7936, -50.2565
Hunter-Lab	92.7708, -32.7938, 6.3592

Details

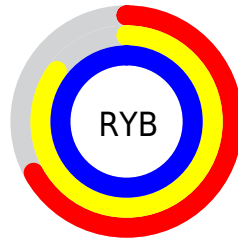
The RGB color **170, 255, 235** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **255, 170, 190**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **228, 255, 255**, and **114, 198, 179** is the 20% darker color. If you saturate the color by 10%, you get **145, 255, 229**, and if you desaturate by 10%, it is **195, 255, 241**.

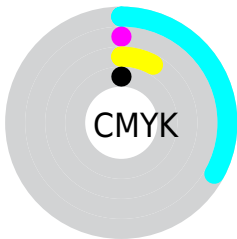
Distribution



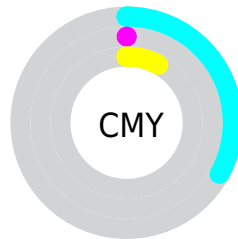
- Red (67%)
- Green (100%)
- Blue (92%)



- Red (67%)
- Yellow (85%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 255, 235 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 170, 255, 235 by changing the saturation by 10% instead.


 170, 255, 235


255, 255, 255


 228, 255, 255


 170, 255, 235


 142, 226, 207

 114, 198, 179

 87, 170, 153

 59, 144, 127

 27, 118, 102

 0, 93, 78

 0, 69, 55

 0, 45, 34

 0, 24, 12

■ 170, 255, 235

■ 170, 255, 235

■ 145, 255, 229

■ 195, 255, 241

■ 119, 255, 223

■ 221, 255, 247

■ 94, 255, 217

■ 247, 255, 253

■ 68, 255, 211

255, 255, 255

■ 42, 255, 205

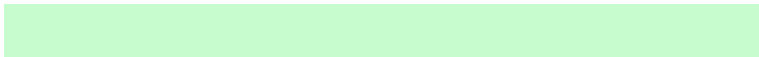
■ 17, 255, 199

■ 0, 255, 195

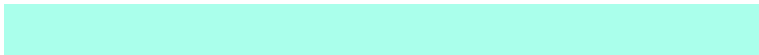
Harmonies

Analogous

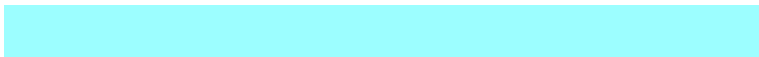
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199, 252, 207



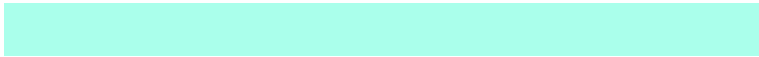
170, 255, 235



156, 254, 255

Triad

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



170, 255, 235



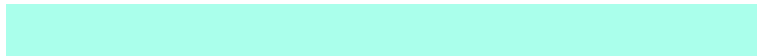
240, 232, 255



255, 226, 191

Complementary

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



170, 255, 235



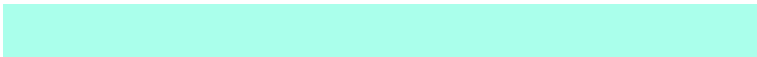
255, 170, 190

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, 220, 214



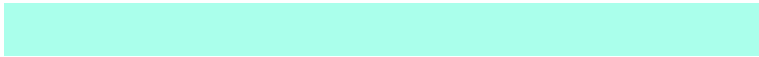
170, 255, 235



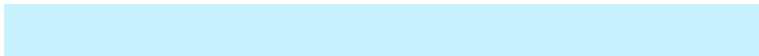
255, 223, 255

Square

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



170, 255, 235



201, 242, 255



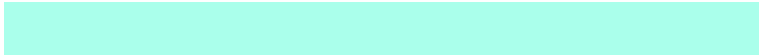
255, 218, 242



255, 236, 181

Rectangle

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



170, 255, 235



161, 252, 255



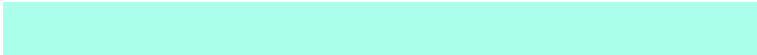
255, 218, 242



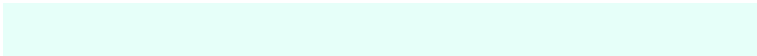
255, 224, 197

Sweetspot

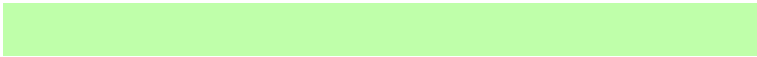
The Sweet Spot groups the original color and five complimentary colors.



170, 255, 235



230, 255, 249



191, 255, 170



112, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

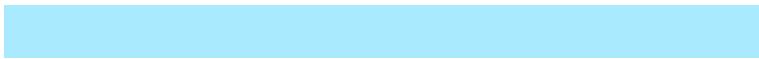
The Same Dimension uses a secret algorithm to generate beautiful new colors.



170, 255, 235



153, 255, 231



170, 234, 255



115, 128, 125



0, 191, 146



0, 64, 49

Inverse Universe

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



255, 170, 190



255, 153, 177



255, 191, 170



128, 115, 118



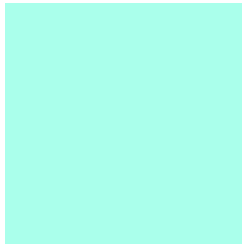
191, 0, 45



64, 0, 15

Previews

White Background



This preview shows how the RGB color 170, 255, 235 looks on a white background.

Color Contrast Check

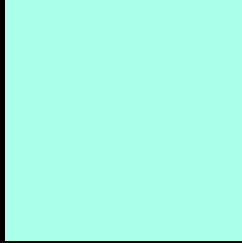
Large Text (above 18pt) WCAG AA × Fail

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 170, 255, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

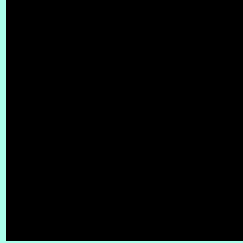
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

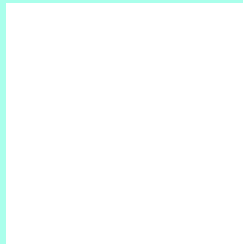
Any Text WCAG AAA ✓ Pass

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

RGB 170, 255, 235 Background



This preview shows how black text looks on a background with the RGB color 170, 255, 235.



This preview shows how white text looks on a background with the RGB color 170, 255, 235.

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





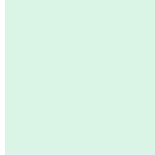
Tritanopia
209, 244, 255

Trichromacy



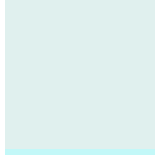
Original Color

170, 255, 235



Protanomaly

218, 244, 229



Deuteranomaly

224, 240, 238



Tritanomaly

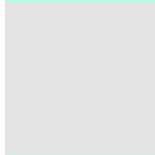
195, 248, 248

Monochromacy



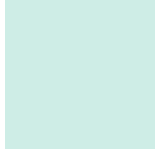
Original Color

170, 255, 235



Achromatopsia

227, 227, 227



Achromatomaly

206, 237, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 255, 235 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(170, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(170, 255, 235)  
}
```

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(170, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 255, 235) }
```

Border

The CSS property to change the border of an element to RGB 170, 255, 235 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(170, 255, 235) }
```

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

```
.border{ border-color:rgb(170, 255, 235) }
```

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

Here you see how a box with a 4 pixel rgb(170, 255, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(170, 255,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 170, 255, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 255, 235) }
```

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

```
.background{ background-color: rgb(170,  
255, 235) }
```

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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