Converting Colors

RGB(138, 227, 245)

Have a look what the booklet for RGB(138, 227, 245) contains.

Color

RGB(138, 227, 245)

Conversions

Conversions Part 1

Format	Color
Hex	8AE3F5
RGB	138, 227, 245
RGB Percent	54%, 89%, 96%
CMY	0.4588, 0.1098, 0.0392
CMYK	0.44, 0.07, 0.00, 0.04
HSL	190°, 84%, 75%
HSV	190°, 44%, 96%
XYZ	54.4317, 66.9340, 96.4369
YIQ	202.4410, -58.8220, -13.2700

Conversions

Conversions Part 2

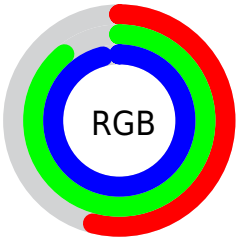
Format	Color
RYB	138, 187, 245
Decimal	9102325
CIELab	85.47, -22.16, -17.12
CIELCh	85, 28.000, 217.692
Yxy	66.9340, 0.2499, 0.3073
Android (android.graphics.Color)	4287292405 (0xFF8AE3F5)
YUV	202.4410, 20.9816, -56.5148
Hunter-Lab	81.8132, -24.4140, -12.6185

Details

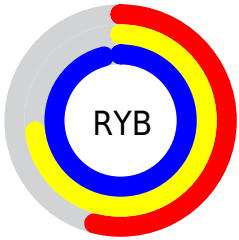
The RGB color 138, 227, 245 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 245, 156, 138, and the grayscale version is 202, 202, 202.

A 20% lighter version of the original color is 196, 255, 255, and 80, 171, 189 is the 20% darker color. If you saturate the color by 10%, you get 113, 223, 245, and if you desaturate by 10%, it is 163, 231, 245.

Distribution

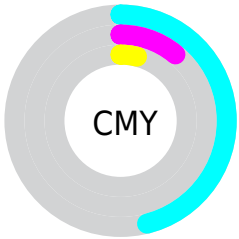


- Red (54%)
- Green (89%)
- Blue (96%)



- Red (54%)
- Yellow (73%)
- Blue (96%)

- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (46%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 227, 245 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 138, 227, 245 by changing the saturation by 10% instead.

138, 227, 245	138, 227, 245
255, 255, 255	109, 199, 217
196, 255, 255	80, 171, 189
226, 255, 255	47, 145, 162
	0, 119, 135
	0, 94, 110
	0, 70, 86
	0, 47, 62
	0, 28, 40
	0, 1, 20

138, 227, 245	138, 227, 245
113, 223, 245	163, 231, 245
89, 219, 245	187, 235, 245
64, 215, 245	211, 239, 245
40, 211, 245	236, 243, 245
15, 206, 245	255, 248, 245
0, 204, 245	255, 252, 245
	255, 255, 245

Harmonies

Analogous

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

144, 229, 220

138, 227, 245

157, 222, 255

Triad

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

138, 227, 245

254, 197, 234

226, 214, 161

Complementary

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

138, 227, 245

245, 156, 138

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.

251, 205, 165

138, 227, 245

255, 194, 208

Square

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

138, 227, 245

227, 204, 255

255, 198, 182

197, 222, 171

Rectangle

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

138, 227, 245

179, 217, 255

255, 198, 182

235, 211, 161

Sweetspot

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

138, 227, 245

222, 249, 255

138, 245, 156

107, 124, 128

0, 0, 0

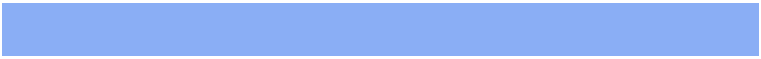
128, 128, 128

Same Dimension

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

138, 227, 245

122, 233, 255



138, 174, 245

110, 120, 122

0, 155, 186

0, 49, 59

Inverse Universe

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

245, 138, 227

255, 122, 233

245, 209, 138

122, 110, 120

186, 0, 155

59, 0, 49

Previews

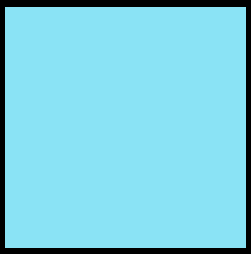
White Background

This preview shows how the RGB color 138, 227, 245 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



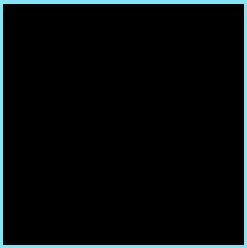
This preview shows how the RGB color 138, 227, 245 looks on a black background.

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 138, 227, 245 Background



This preview shows how black text looks on a background with the RGB color 138, 227, 245.

This preview shows how white text looks on a background with the RGB color 138, 227, 245.

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
138, 227, 245

Protanopia
210, 211, 235

Deuteranopia
215, 207, 249

Tritanopia
138, 227, 245

Trichromacy

Original Color
138, 227, 245

Protanomaly
184, 217, 239

Deuteranomaly
187, 214, 248

Tritanomaly
138, 227, 245

Monochromacy

Original Color
138, 227, 245

Achromatopsia
202, 202, 202

Achromatomaly
179, 211, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 227, 245 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(138, 227, 245) looks like.

```
.text, #text, p{
    color:rgb(138, 227, 245)
}
```

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(138, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 227, 245) }
```

Border

The CSS property to change the border of an element to RGB 138, 227, 245 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(138, 227, 245) }
```

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

```
.border{ border-color:rgb(138, 227, 245) }
```

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

Here you see how a box with a 4 pixel rgb(138, 227, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 227, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 227, 245); box-shadow:4px 4px 4px 4px rgb(138, 227, 245) }
```

Background

The CSS property to change the background color of an element to RGB 138, 227, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(138, 227, 245) }
```

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

```
.background{ background-color:rgb(138,
227, 245) }
```

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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