

Converting Colors

RGB(137, 238, 255)

Have a look what the booklet for
RGB(137, 238, 255) contains.

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Color

RGB(137, 238, 255)

Conversions

Conversions Part 1

Format	Color
Hex	89EEFF
RGB	137, 238, 255
RGB Percent	54%, 93%, 100%
CMY	0.4627, 0.0667, 0.0000
CMYK	0.46, 0.07, 0.00, 0.00
HSL	189°, 100%, 77%
HSV	189°, 46%, 100%
XYZ	58.9411, 73.6874, 105.7243
YIQ	209.7390, -65.6530, -16.1250

Conversions

Conversions Part 2

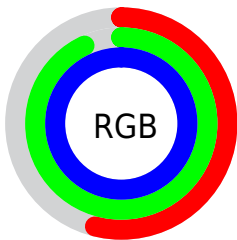
Format	Color
RYB	137, 191, 255
Decimal	9039615
CIELab	88.77, -25.23, -17.40
CIELCh	89, 30.653, 214.589
Yxy	73.6874, 0.2473, 0.3092
Android (android.graphics.Color)	4287229695 (0xFF89EEFF)
YUV	209.7390, 22.3137, -63.7921
Hunter-Lab	85.8414, -27.6594, -12.9340

Details

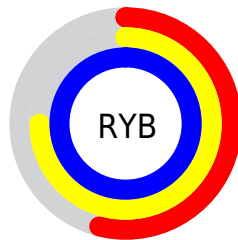
The RGB color **137, 238, 255** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **255, 154, 137**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **196, 255, 255**, and **76, 182, 198** is the 20% darker color. If you saturate the color by 10%, you get **112, 234, 255**, and if you desaturate by 10%, it is **163, 242, 255**.

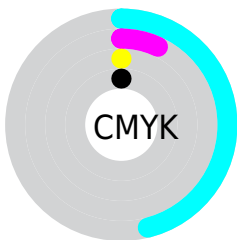
Distribution



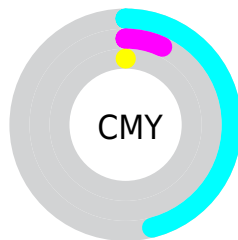
- Red (54%)
- Green (93%)
- Blue (100%)



- Red (54%)
- Yellow (75%)
- Blue (100%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 238, 255 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 137, 238, 255 by changing the saturation by 10% instead.


 137, 238, 255

 137, 238, 255


255, 255, 255

 107, 210, 226

 196, 255, 255

 76, 182, 198

 226, 255, 255

 40, 155, 171

 0, 129, 144

 0, 103, 119

 0, 79, 94

 0, 56, 70

 0, 35, 48

 0, 1, 28

■ 137, 238, 255

■ 137, 238, 255

■ 112, 234, 255

■ 163, 242, 255

■ 86, 231, 255

■ 188, 245, 255

■ 60, 227, 255

■ 214, 249, 255

■ 35, 223, 255

■ 239, 253, 255

■ 9, 220, 255

255, 255, 255

■ 0, 218, 255

Harmonies

Analogous

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



147, 239, 227



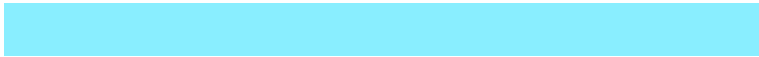
137, 238, 255



156, 233, 255

Triad

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



137, 238, 255



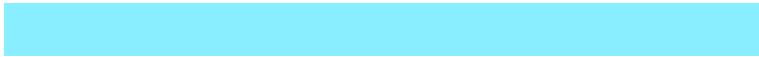
255, 205, 249



240, 222, 165

Complementary

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



137, 238, 255



255, 154, 137

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, 213, 171



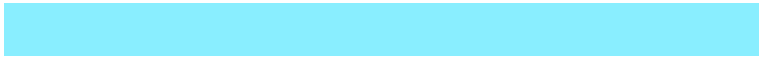
137, 238, 255



255, 202, 219

Square

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



137, 238, 255



233, 214, 255



255, 205, 191



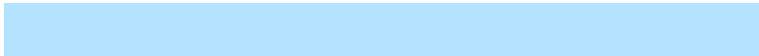
208, 231, 174

Rectangle

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



137, 238, 255



180, 227, 255



255, 205, 191



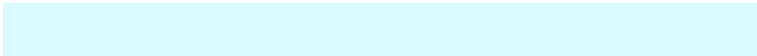
249, 219, 165

Sweetspot

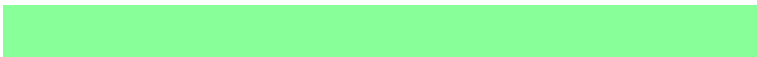
The Sweet Spot groups the original color and five complimentary colors.



137, 238, 255



219, 250, 255



137, 255, 153



106, 124, 128



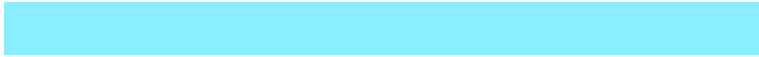
0, 0, 0



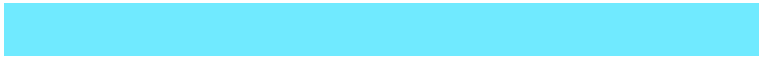
128, 128, 128

Same Dimension

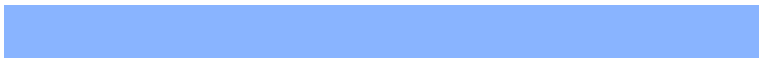
The Same Dimension uses a secret algorithm to generate beautiful new colors.



137, 238, 255



112, 234, 255



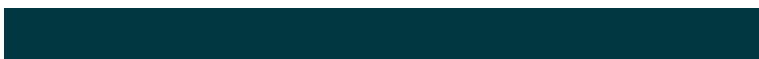
137, 180, 255



115, 126, 128



0, 164, 191



0, 55, 64

Inverse Universe

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



255, 137, 238



255, 112, 234



255, 212, 137



128, 115, 126



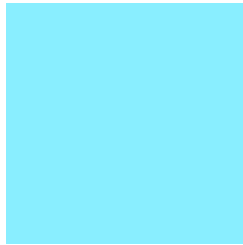
191, 0, 164



64, 0, 55

Previews

White Background



This preview shows how the RGB color 137, 238, 255 looks on a white background.

Color Contrast Check

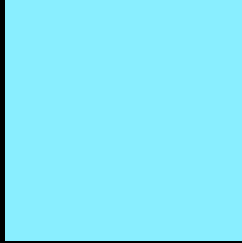
Large Text (above 18pt) WCAG AA × Fail

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 137, 238, 255 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 137, 238, 255 Background



This preview shows how black text looks on a background with the RGB color 137, 238, 255.



This preview shows how white text looks on a background with the RGB color 137, 238, 255.

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
144, 237, 255

Trichromacy



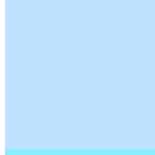
Original Color

137, 238, 255



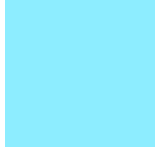
Protanomaly

189, 227, 248



Deuteranomaly

192, 225, 255



Tritanomaly

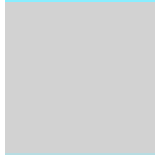
141, 237, 255

Monochromacy



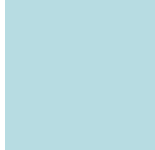
Original Color

137, 238, 255



Achromatopsia

210, 210, 210



Achromatomaly

183, 220, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 238, 255 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(137, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(137, 238, 255)  
}
```

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(137, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 238, 255) }
```

Border

The CSS property to change the border of an element to RGB 137, 238, 255 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(137, 238, 255) }
```

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

```
.border{ border-color:rgb(137, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(137, 238,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 137, 238, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 238, 255) }
```

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

```
.background{ background-color: rgb(137,  
238, 255) }
```

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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