

Converting Colors

RGB(137, 216, 237)

Have a look what the booklet for
RGB(137, 216, 237) contains.

RGB(137, 216, 237)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(137, 216, 237)

Conversions

Conversions Part 1

Format	Color
Hex	89D8ED
RGB	137, 216, 237
RGB Percent	54%, 85%, 93%
CMY	0.4627, 0.1529, 0.0706
CMYK	0.42, 0.09, 0.00, 0.07
HSL	193°, 74%, 73%
HSV	193°, 42%, 93%
XYZ	50.1585, 60.5445, 89.1634
YIQ	194.7730, -53.8250, -10.2170

Conversions

Conversions Part 2

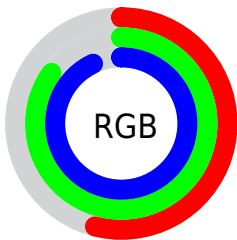
Format	Color
RYB	137, 181, 237
Decimal	9033965
CIELab	82.13, -18.94, -17.92
CIELCh	82, 26.069, 223.420
Yxy	60.5445, 0.2510, 0.3029
Android (android.graphics.Color)	4287224045 (0xFF89D8ED)
YUV	194.7730, 20.8179, -50.6669
Hunter-Lab	77.8104, -21.1027, -13.4735

Details

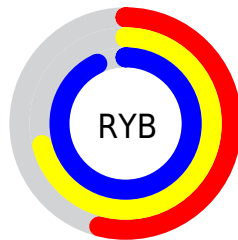
The RGB color **137, 216, 237** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **237, 158, 137**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **194, 255, 255**, and **80, 161, 181** is the 20% darker color. If you saturate the color by 10%, you get **113, 211, 237**, and if you desaturate by 10%, it is **161, 221, 237**.

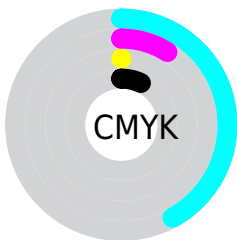
Distribution



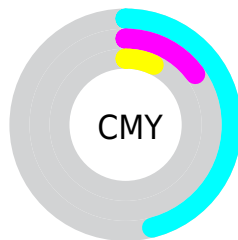
- Red (54%)
- Green (85%)
- Blue (93%)



- Red (54%)
- Yellow (71%)
- Blue (93%)



- Cyan (42%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (46%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 216, 237 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, 216, 237 by changing the saturation by 10% instead.

 137, 216, 237

255, 255, 255


 194, 255, 255


 224, 255, 255

253, 255, 255

 137, 216, 237

 109, 188, 209

 80, 161, 181


 49, 135, 154

 3, 109, 128

 0, 85, 103

 0, 61, 79

 0, 39, 56

 0, 16, 35

 0, 0, 11

■ 137, 216, 237

■ 137, 216, 237

■ 113, 211, 237

■ 161, 221, 237

■ 90, 206, 237

■ 184, 226, 237

■ 66, 201, 237

■ 208, 231, 237

■ 42, 196, 237

■ 232, 236, 237

■ 18, 191, 237

■ 255, 241, 237

■ 0, 187, 237

■ 255, 246, 237

■ 255, 251, 237

■ 255, 255, 237

Harmonies

Analogous

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



138, 218, 215



137, 216, 237



158, 211, 250

Triad

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



137, 216, 237



245, 188, 219



211, 206, 157

Complementary

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



137, 216, 237



237, 158, 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.



235, 198, 158



137, 216, 237



254, 187, 194

Square

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



137, 216, 237



222, 194, 240



251, 191, 172



184, 213, 168

Rectangle

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



137, 216, 237



179, 206, 253



251, 191, 172



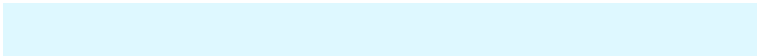
220, 204, 156

Sweetspot

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



137, 216, 237



222, 248, 255



137, 237, 157



107, 123, 128



0, 0, 0



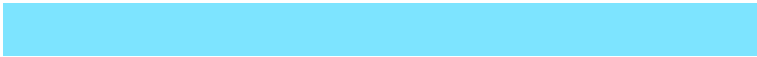
128, 128, 128

Same Dimension

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



137, 216, 237



125, 228, 255



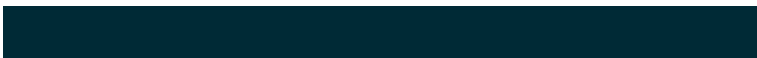
137, 167, 237



106, 115, 117



0, 143, 181



0, 42, 54

Inverse Universe

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



237, 137, 216



255, 125, 228



237, 207, 137



117, 106, 115



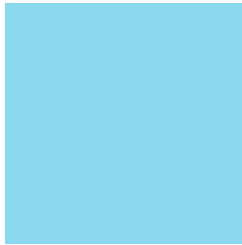
181, 0, 143



54, 0, 42

Previews

White Background



This preview shows how the RGB color 137, 216, 237 looks on a white background.

Color Contrast Check

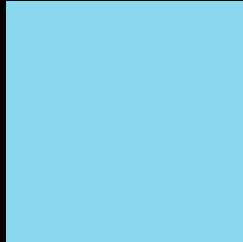
Large Text (above 18pt) WCAG AA × Fail

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, 216, 237 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, 216, 237 Background



This preview shows how black text looks on a background with the RGB color 137, 216, 237.



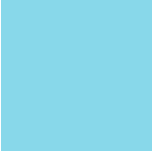
This preview shows how white text looks on a background with the RGB color 137, 216, 237.

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





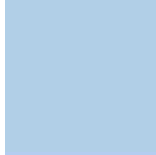
Tritanopia
136, 216, 234

Trichromacy



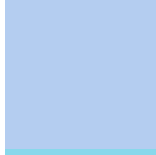
Original Color

137, 216, 237



Protanomaly

177, 207, 231



Deuteranomaly

180, 205, 240



Tritanomaly

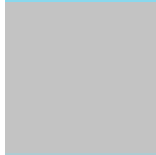
136, 216, 235

Monochromacy



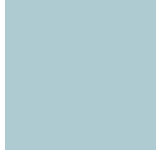
Original Color

137, 216, 237



Achromatopsia

195, 195, 195



Achromatomaly

174, 203, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 216, 237 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, 216, 237)` looks like.

```
.text, #text, p{  
    color:rgb(137, 216, 237)  
}
```

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, 216, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 216, 237) }
```

Border

The CSS property to change the border of an element to RGB 137, 216, 237 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, 216, 237) }
```

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

```
.border{ border-color:rgb(137, 216, 237) }
```

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

Here you see how a box with a 4 pixel rgb(137, 216, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 216, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 216, 237);  
box-shadow:4px 4px 4px 4px rgb(137, 216,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 137, 216, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 216, 237) }
```

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

```
.background{ background-color: rgb(137,  
216, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor