

Converting Colors

RGB(137, 215, 245)

Have a look what the booklet for
RGB(137, 215, 245) contains.

RGB(137, 215, 245)	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, 215, 245)

Conversions

Conversions Part 1

Format	Color
Hex	89D7F5
RGB	137, 215, 245
RGB Percent	54%, 84%, 96%
CMY	0.4627, 0.1569, 0.0392
CMYK	0.44, 0.12, 0.00, 0.04
HSL	197°, 84%, 75%
HSV	197°, 44%, 96%
XYZ	51.0984, 60.5118, 95.3730
YIQ	195.0980, -56.1180, -7.2060

Conversions

Conversions Part 2

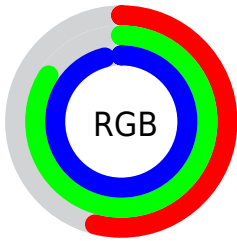
Format	Color
RYB	137, 182, 245
Decimal	9033717
CIELab	82.12, -16.35, -22.20
CIELCh	82, 27.568, 233.622
Yxy	60.5118, 0.2469, 0.2924
Android (android.graphics.Color)	4287223797 (0xFF89D7F5)
YUV	195.0980, 24.6017, -50.9519
Hunter-Lab	77.7893, -18.8780, -18.2395

Details

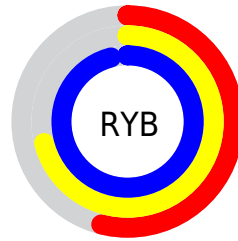
The RGB color **137, 215, 245** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **245, 167, 137**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **195, 255, 255**, and **79, 160, 189** is the 20% darker color. If you saturate the color by 10%, you get **113, 208, 245**, and if you desaturate by 10%, it is **162, 222, 245**.

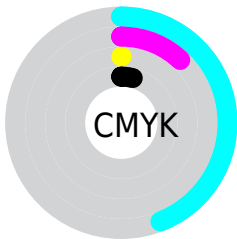
Distribution



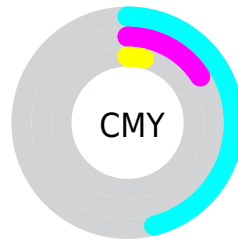
- Red (54%)
- Green (84%)
- Blue (96%)



- Red (54%)
- Yellow (71%)
- Blue (96%)



- Cyan (44%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (46%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 215, 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 137, 215, 245 by changing the saturation by 10% instead.


 137, 215, 245

 137, 215, 245


255, 255, 255

 108, 187, 217

 195, 255, 255

 79, 160, 189

 224, 255, 255

 48, 134, 162


254, 255, 255

 0, 109, 135

 0, 84, 110

 0, 61, 85

 0, 39, 62

 0, 16, 40

 0, 1, 19

■ 137, 215, 245

■ 137, 215, 245

■ 113, 208, 245

■ 162, 222, 245

■ 88, 201, 245

■ 186, 229, 245

■ 63, 195, 245

■ 211, 235, 245

■ 39, 188, 245

■ 235, 242, 245

■ 14, 181, 245

■ 255, 249, 245

■ 0, 177, 245

■ 255, 255, 245

Harmonies

Analogous

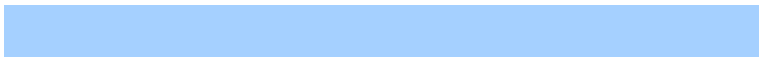
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



130, 219, 224



137, 215, 245



165, 208, 255

Triad

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



137, 215, 245



252, 186, 211



202, 209, 157

Complementary

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



137, 215, 245



245, 167, 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.



229, 201, 153



137, 215, 245



255, 187, 185

Square

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



137, 215, 245



232, 191, 235



248, 192, 164



172, 215, 173

Rectangle

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



137, 215, 245



189, 203, 254



248, 192, 164



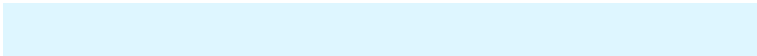
211, 206, 154

Sweetspot

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



137, 215, 245



222, 246, 255



137, 245, 166



107, 122, 128



0, 0, 0



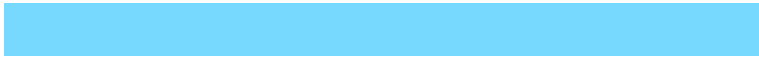
128, 128, 128

Same Dimension

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



137, 215, 245



120, 217, 255



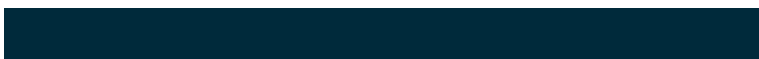
137, 162, 245



110, 119, 122



0, 134, 186



0, 42, 59

Inverse Universe

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



245, 137, 215



255, 120, 217



245, 220, 137



122, 110, 119



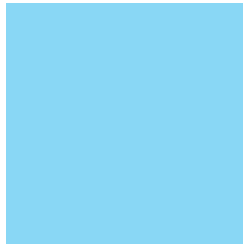
186, 0, 134



59, 0, 42

Previews

White Background



This preview shows how the RGB color 137, 215, 245 looks on a white background.

Color Contrast Check

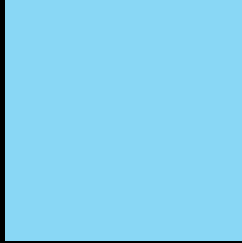
Large Text (above 18pt) WCAG AA × Fail

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 137, 215, 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 137, 215, 245 Background



This preview shows how black text looks on a background with the RGB color 137, 215, 245.



This preview shows how white text looks on a background with the RGB color 137, 215, 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](#).

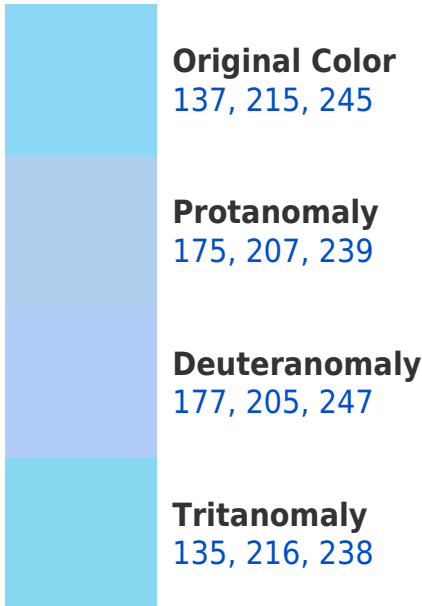
Dichromacy



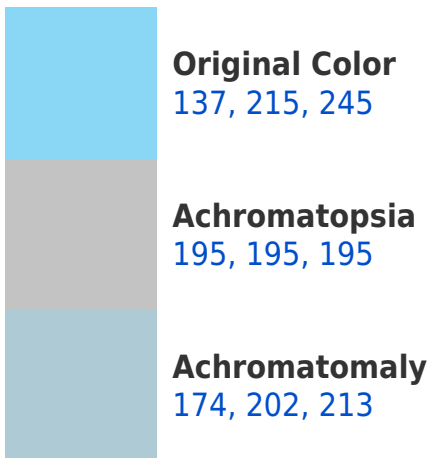


Tritanopia
134, 217, 234

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 215, 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(137, 215, 245)` looks like.

```
.text, #text, p{  
    color:rgb(137, 215, 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(137, 215, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 215, 245) }
```

Border

The CSS property to change the border of an element to RGB 137, 215, 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(137, 215, 245) }
```

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

```
.border{ border-color:rgb(137, 215, 245) }
```

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

Here you see how a box with a 4 pixel rgb(137, 215, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 215, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 215, 245);  
box-shadow:4px 4px 4px 4px rgb(137, 215,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 137, 215, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 215, 245) }
```

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

```
.background{ background-color: rgb(137,  
215, 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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