

Converting Colors

RGB(137, 225, 205)

Have a look what the booklet for
RGB(137, 225, 205) contains.

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Color

RGB(137, 225, 205)

Conversions

Conversions Part 1

Format	Color
Hex	89E1CD
RGB	137, 225, 205
RGB Percent	54%, 88%, 80%
CMY	0.4627, 0.1176, 0.1961
CMYK	0.39, 0.00, 0.09, 0.12
HSL	166°, 59%, 71%
HSV	166°, 39%, 88%
XYZ	48.2612, 63.5766, 67.4855
YIQ	196.4080, -46.0280, -24.8760

Conversions

Conversions Part 2

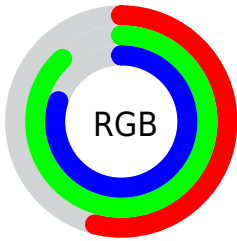
Format	Color
RYB	137, 187, 225
Decimal	9036237
CIELab	83.74, -31.04, 1.45
CIELCh	84, 31.075, 177.322
Yxy	63.5766, 0.2691, 0.3545
Android (android.graphics.Color)	4287226317 (0xFF89E1CD)
YUV	196.4080, 4.2359, -52.1008
Hunter-Lab	79.7349, -31.4953, 5.6330

Details

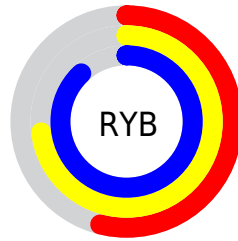
The RGB color **137, 225, 205** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **225, 137, 157**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **194, 255, 255**, and **81, 169, 151** is the 20% darker color. If you saturate the color by 10%, you get **114, 225, 200**, and if you desaturate by 10%, it is **160, 225, 210**.

Distribution



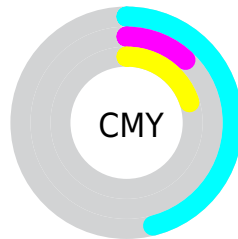
- Red (54%)
- Green (88%)
- Blue (80%)



- Red (54%)
- Yellow (73%)
- Blue (88%)



- Cyan (39%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)



- Cyan (46%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 225, 205 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, 225, 205 by changing the saturation by 10% instead.

 137, 225, 205


255, 255, 255


 194, 255, 255

 223, 255, 255


 252, 255, 255

 137, 225, 205

 109, 197, 178

 81, 169, 151

 52, 143, 125

 16, 117, 100

 0, 92, 76

 0, 67, 54

 0, 44, 32

 0, 22, 9

 0, 0, 0

 137, 225, 205

 137, 225, 205

 114, 225, 200

 160, 225, 210

 92, 225, 195


 182, 225, 215

 70, 225, 190

 204, 225, 220

 47, 225, 185

 227, 225, 225

 24, 225, 179

 249, 225, 231

 2, 225, 174

 255, 225, 236

 0, 225, 174

 255, 225, 241

 255, 225, 246

 255, 225, 251

Harmonies

Analogous

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



168, 222, 176



137, 225, 205



120, 225, 235

Triad

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



137, 225, 205



210, 202, 255



255, 196, 161

Complementary

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



137, 225, 205



225, 137, 157

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, 189, 183



137, 225, 205



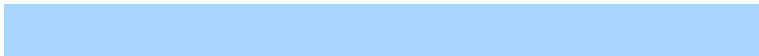
244, 193, 241

Square

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



137, 225, 205



168, 212, 255



255, 188, 213



232, 206, 150

Rectangle

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



137, 225, 205



125, 222, 251



255, 188, 213



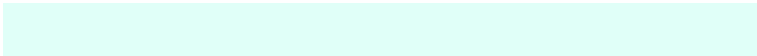
255, 193, 167

Sweetspot

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



137, 225, 205



224, 255, 248



158, 225, 137



110, 128, 123



0, 0, 0



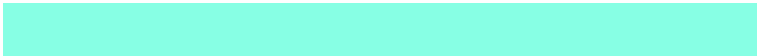
128, 128, 128

Same Dimension

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



137, 225, 205



135, 255, 228



137, 202, 225



101, 112, 110



0, 176, 136



0, 48, 37

Inverse Universe

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



225, 137, 157



255, 135, 162



225, 160, 137



112, 101, 104



176, 0, 40



48, 0, 11

Previews

White Background



This preview shows how the RGB color 137, 225, 205 looks on a white background.

Color Contrast Check

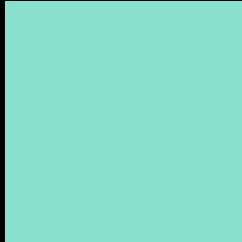
Large Text (above 18pt) WCAG AA × Fail

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, 225, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

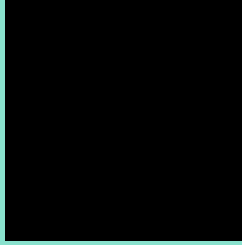
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

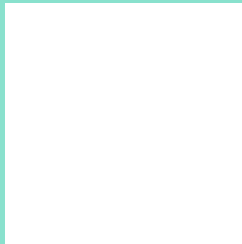
Any Text WCAG AAA ✓ Pass

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

RGB 137, 225, 205 Background



This preview shows how black text looks on a background with the RGB color 137, 225, 205.

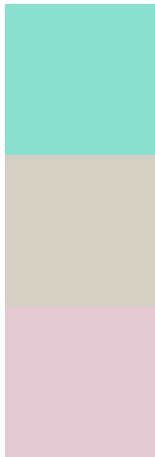


This preview shows how white text looks on a background with the RGB color 137, 225, 205.

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
137, 225, 205

Protanopia
214, 207, 195

Deuteranopia
227, 201, 210



Tritanopia
145, 220, 238

Trichromacy



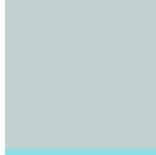
Original Color

137, 225, 205



Protanomaly

186, 214, 199



Deuteranomaly

194, 210, 208



Tritanomaly

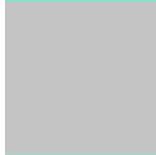
142, 222, 226

Monochromacy



Original Color

137, 225, 205



Achromatopsia

196, 196, 196



Achromatomaly

175, 207, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 225, 205 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, 225, 205)` looks like.

```
.text, #text, p{  
    color:rgb(137, 225, 205)  
}
```

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, 225, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 225, 205) }
```

Border

The CSS property to change the border of an element to RGB 137, 225, 205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

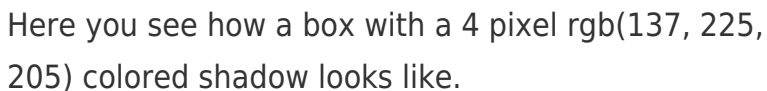
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 225, 205) }
```

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

```
.border{ border-color:rgb(137, 225, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 225, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 225, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 225, 205); box-shadow:4px 4px 4px 4px rgb(137, 225, 205) }
```

Background

The CSS property to change the background color of an element to RGB 137, 225, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 225, 205) }
```

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

```
.background{ background-color: rgb(137,  
225, 205) }
```

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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