

Converting Colors

RGB(144, 234, 225)

Have a look what the booklet for
RGB(144, 234, 225) contains.

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Color

RGB(144, 234, 225)

Conversions

Conversions Part 1

Format	Color
Hex	90EAE1
RGB	144, 234, 225
RGB Percent	56%, 92%, 88%
CMY	0.4353, 0.0824, 0.1176
CMYK	0.38, 0.00, 0.04, 0.08
HSL	174°, 68%, 74%
HSV	174°, 38%, 92%
XYZ	54.5150, 70.2112, 81.9130
YIQ	206.0640, -50.7510, -21.8790

Conversions

Conversions Part 2

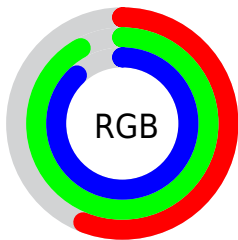
Format	Color
RYB	144, 191, 234
Decimal	9497313
CIELab	87.10, -28.97, -4.14
CIELCh	87, 29.264, 188.130
Yxy	70.2112, 0.2638, 0.3398
Android (android.graphics.Color)	4287687393 (0xFF90EAE1)
YUV	206.0640, 9.3354, -54.4301
Hunter-Lab	83.7921, -30.5043, 0.6941

Details

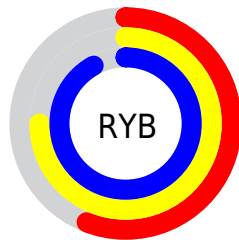
The RGB color **144, 234, 225** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **234, 144, 153**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **201, 255, 255**, and **88, 178, 170** is the 20% darker color. If you saturate the color by 10%, you get **121, 234, 223**, and if you desaturate by 10%, it is **167, 234, 227**.

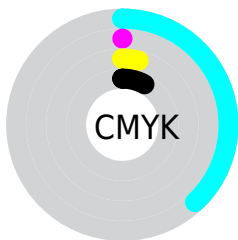
Distribution



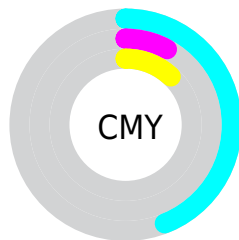
- Red (56%)
- Green (92%)
- Blue (88%)



- Red (56%)
- Yellow (75%)
- Blue (92%)



- Cyan (38%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (44%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 144, 234, 225 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 144, 234, 225 by changing the saturation by 10% instead.


 144, 234, 225

 144, 234, 225


255, 255, 255


 116, 206, 197

 201, 255, 255

 88, 178, 170

 231, 255, 255

 58, 151, 143

 23, 125, 118

 0, 99, 93

 0, 75, 70

 0, 52, 47

 0, 33, 27

 0, 0, 0

■ 144, 234, 225

■ 144, 234, 225

■ 121, 234, 223

■ 167, 234, 227

■ 97, 234, 220

■ 191, 234, 230

■ 74, 234, 218

■ 214, 234, 232

■ 50, 234, 216

■ 238, 234, 234

■ 27, 234, 213

■ 255, 234, 237

■ 4, 234, 211

■ 255, 234, 239

■ 0, 234, 211

■ 255, 234, 241

■ 255, 234, 244

■ 255, 234, 246

Harmonies

Analogous

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



169, 232, 197



144, 234, 225



138, 232, 251

Triad

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



144, 234, 225



232, 208, 255



255, 209, 167

Complementary

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



144, 234, 225



234, 144, 153

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, 202, 185



144, 234, 225



255, 201, 239

Square

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



144, 234, 225



195, 218, 255



255, 198, 211



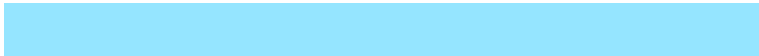
231, 219, 163

Rectangle

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



144, 234, 225



149, 229, 255



255, 198, 211



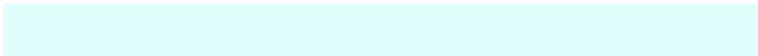
255, 207, 172

Sweetspot

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



144, 234, 225



224, 255, 252



153, 234, 144



110, 128, 126



0, 0, 0



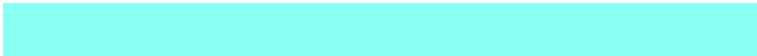
128, 128, 128

Same Dimension

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



144, 234, 225



138, 255, 243



144, 198, 234



106, 117, 116



0, 181, 163



0, 54, 48

Inverse Universe

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



234, 144, 153



255, 138, 149



234, 180, 144



117, 106, 107



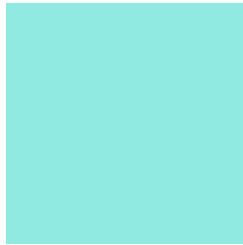
181, 0, 18



54, 0, 5

Previews

White Background



This preview shows how the RGB color 144, 234, 225 looks on a white background.

Color Contrast Check

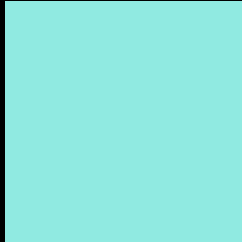
Large Text (above 18pt) WCAG AA × Fail

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 144, 234, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

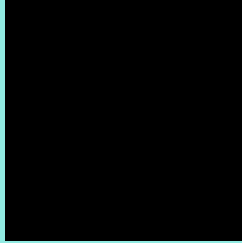
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

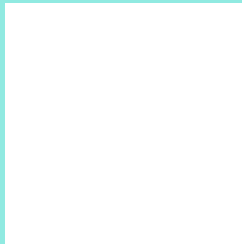
Any Text WCAG AAA ✓ Pass

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

RGB 144, 234, 225 Background



This preview shows how black text looks on a background with the RGB color 144, 234, 225.

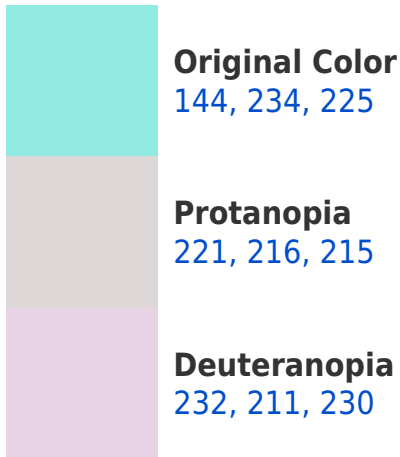


This preview shows how white text looks on a background with the RGB color 144, 234, 225.

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





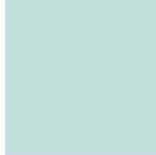
Tritanopia
150, 230, 249

Trichromacy



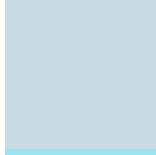
Original Color

144, 234, 225



Protanomaly

193, 223, 219



Deuteranomaly

200, 219, 228



Tritanomaly

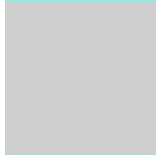
148, 231, 240

Monochromacy



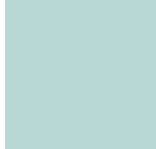
Original Color

144, 234, 225



Achromatopsia

206, 206, 206



Achromatomaly

183, 216, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 144, 234, 225 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(144, 234, 225)` looks like.

```
.text, #text, p{  
    color:rgb(144, 234, 225)  
}
```

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(144, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 234, 225) }
```

Border

The CSS property to change the border of an element to RGB 144, 234, 225 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(144, 234, 225) }
```

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

```
.border{ border-color:rgb(144, 234, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 234, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(144, 234,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 144, 234, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 234, 225) }
```

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

```
.background{ background-color: rgb(144,  
234, 225) }
```

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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