

Converting Colors

RGB(157, 219, 242)

Have a look what the booklet for
RGB(157, 219, 242) contains.

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Color

RGB(157, 219, 242)

Conversions

Conversions Part 1

Format	Color
Hex	9DDBF2
RGB	157, 219, 242
RGB Percent	62%, 86%, 95%
CMY	0.3843, 0.1412, 0.0510
CMYK	0.35, 0.10, 0.00, 0.05
HSL	196°, 77%, 78%
HSV	196°, 35%, 95%
XYZ	55.2632, 64.2419, 93.4917
YIQ	203.0840, -44.3350, -5.9910

Conversions

Conversions Part 2

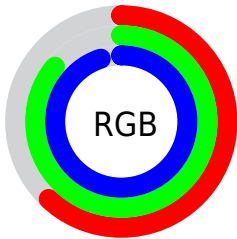
Format	Color
R _{YB}	157, 193, 242
Decimal	10345458
CIE _{Lab}	84.09, -14.11, -17.52
CIE _{LCh}	84, 22.496, 231.158
Yxy	64.2419, 0.2595, 0.3016
Android (android.graphics.Color)	4288535538 (0xFF9DDBF2)
YUV	203.0840, 19.1856, -40.4157
Hunter-Lab	80.1511, -17.1909, -13.0527

Details

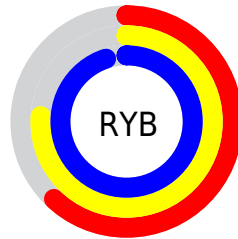
The RGB color **157, 219, 242** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **242, 180, 157**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **214, 255, 255**, and **102, 164, 186** is the 20% darker color. If you saturate the color by 10%, you get **133, 212, 242**, and if you desaturate by 10%, it is **181, 226, 242**.

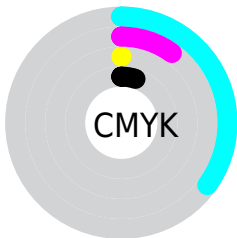
Distribution



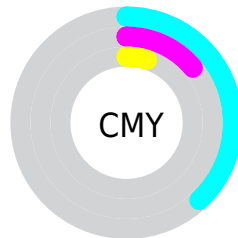
- Red (62%)
- Green (86%)
- Blue (95%)



- Red (62%)
- Yellow (76%)
- Blue (95%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (38%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 219, 242 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 157, 219, 242 by changing the saturation by 10% instead.

 157, 219, 242


255, 255, 255


 214, 255, 255


 243, 255, 255

 157, 219, 242

 129, 191, 214

 102, 164, 186

 75, 138, 159

 46, 112, 133

 9, 88, 107

 0, 64, 83

 0, 42, 60

 0, 23, 38

 0, 1, 17

■ 157, 219, 242

■ 157, 219, 242

■ 133, 212, 242

■ 181, 226, 242

■ 109, 206, 242

■ 205, 232, 242

■ 84, 199, 242

■ 230, 239, 242

■ 60, 193, 242

■ 254, 245, 242

■ 36, 186, 242

■ 255, 252, 242

■ 12, 180, 242

■ 255, 255, 242

■ 0, 177, 242

Harmonies

Analogous

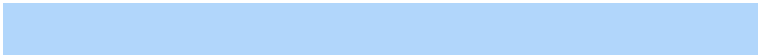
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



152, 222, 224



157, 219, 242



177, 214, 251

Triad

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



157, 219, 242



248, 195, 217



210, 213, 170

Complementary

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



157, 219, 242



242, 180, 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.



232, 206, 168



157, 219, 242



254, 195, 195

Square

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



157, 219, 242



231, 200, 237



248, 200, 178



186, 219, 183

Rectangle

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



157, 219, 242



196, 209, 251



248, 200, 178



218, 211, 168

Sweetspot

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



157, 219, 242



227, 247, 255



157, 242, 180



111, 123, 128



0, 0, 0



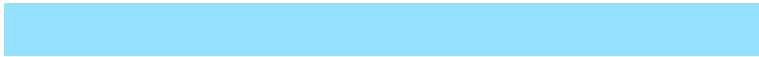
128, 128, 128

Same Dimension

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



157, 219, 242



148, 226, 255



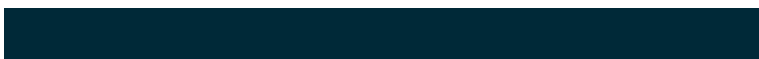
157, 177, 242



108, 117, 120



0, 134, 184



0, 41, 56

Inverse Universe

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



242, 157, 219



255, 148, 226



242, 222, 157



120, 108, 117



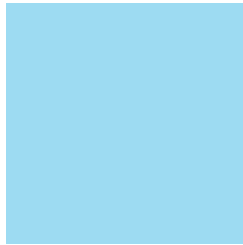
184, 0, 134



56, 0, 41

Previews

White Background



This preview shows how the RGB color 157, 219, 242 looks on a white background.

Color Contrast Check

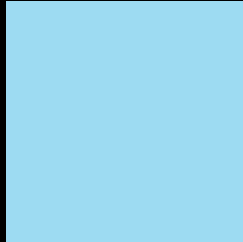
Large Text (above 18pt) WCAG AA × Fail

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 157, 219, 242 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 157, 219, 242 Background



This preview shows how black text looks on a background with the RGB color 157, 219, 242.

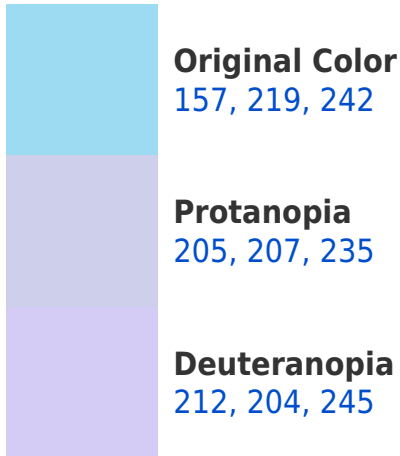


This preview shows how white text looks on a background with the RGB color 157, 219, 242.

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
156, 220, 237

Trichromacy



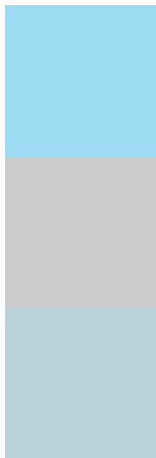
Original Color
157, 219, 242

Protanomaly
188, 211, 238

Deuteranomaly
192, 209, 244

Tritanomaly
156, 220, 239

Monochromacy



Original Color
157, 219, 242

Achromatopsia
203, 203, 203

Achromatomaly
186, 209, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 219, 242 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(157, 219, 242)` looks like.

```
.text, #text, p{  
    color:rgb(157, 219, 242)  
}
```

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(157, 219, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 219, 242) }
```

Border

The CSS property to change the border of an element to RGB 157, 219, 242 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(157, 219, 242) }
```

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

```
.border{ border-color:rgb(157, 219, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 219, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 219, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 219, 242);  
box-shadow:4px 4px 4px 4px rgb(157, 219,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 157, 219, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 219, 242) }
```

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

```
.background{ background-color: rgb(157,  
219, 242) }
```

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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