

Converting Colors

RGB(121, 190, 211)

Have a look what the booklet for
RGB(121, 190, 211) contains.

RGB(121, 190, 211)	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(121, 190, 211)

Conversions

Conversions Part 1

Format	Color
Hex	79BED3
RGB	121, 190, 211
RGB Percent	47%, 75%, 83%
CMY	0.5255, 0.2549, 0.1725
CMYK	0.43, 0.10, 0.00, 0.17
HSL	194°, 51%, 65%
HSV	194°, 43%, 83%
XYZ	38.0565, 45.5950, 68.4229
YIQ	171.7630, -47.8650, -8.0970

Conversions

Conversions Part 2

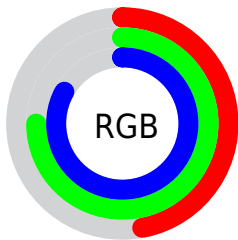
Format	Color
R _Y B	121, 160, 211
Decimal	7978707
CIE Lab	73.28, -16.31, -17.37
CIE LCh	73, 23.830, 226.806
Yxy	45.5950, 0.2502, 0.2998
Android (android.graphics.Color)	4286168787 (0xFF79BED3)
YUV	171.7630, 19.3438, -44.5192
Hunter-Lab	67.5241, -17.5648, -12.8124

Details

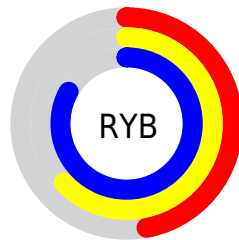
The RGB color **121, 190, 211** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **211, 142, 121**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **177, 246, 255**, and **65, 137, 156** is the 20% darker color. If you saturate the color by 10%, you get **100, 185, 211**, and if you desaturate by 10%, it is **142, 195, 211**.

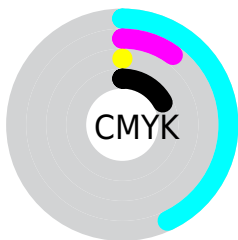
Distribution



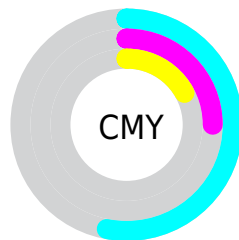
- Red (47%)
- Green (75%)
- Blue (83%)



- Red (47%)
- Yellow (63%)
- Blue (83%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)




- Cyan (53%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 121, 190, 211 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 121, 190, 211 by changing the saturation by 10% instead.


 121, 190, 211


255, 255, 255


 177, 246, 255


 206, 255, 255

 235, 255, 255

 121, 190, 211

 93, 163, 183

 65, 137, 156

 34, 111, 130

 0, 87, 105

 0, 63, 81

 0, 41, 58

 0, 21, 36

 0, 1, 14

 0, 0, 0

■ 121, 190, 211

■ 121, 190, 211

■ 100, 185, 211

■ 142, 195, 211

■ 79, 180, 211

■ 163, 200, 211

■ 58, 175, 211

■ 184, 205, 211

■ 37, 170, 211

■ 205, 210, 211

■ 15, 165, 211

■ 227, 215, 211

■ 0, 162, 211

■ 248, 220, 211

■ 255, 224, 211

■ 255, 229, 211

■ 255, 234, 211

Harmonies

Analogous

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



119, 192, 192



121, 190, 211



141, 185, 222

Triad

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



121, 190, 211



218, 165, 191



183, 182, 138

Complementary

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



121, 190, 211



211, 142, 121

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.



205, 175, 138



121, 190, 211



225, 165, 168

Square

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



121, 190, 211



198, 170, 210



220, 168, 149



159, 188, 150

Rectangle

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



121, 190, 211



161, 180, 223



220, 168, 149



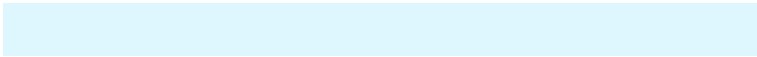
191, 180, 137

Sweetspot

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



121, 190, 211



222, 247, 255



121, 211, 142



107, 123, 128



0, 0, 0



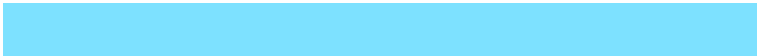
128, 128, 128

Same Dimension

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



121, 190, 211



125, 225, 255



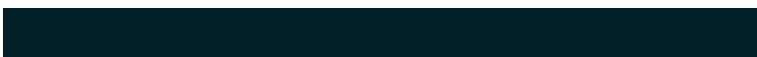
121, 145, 211



94, 102, 105



0, 129, 168



0, 31, 41

Inverse Universe

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



211, 121, 190



255, 125, 225



211, 187, 121



105, 94, 102



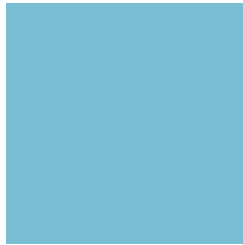
168, 0, 129



41, 0, 31

Previews

White Background



This preview shows how the RGB color 121, 190, 211 looks on a white background.

Color Contrast Check

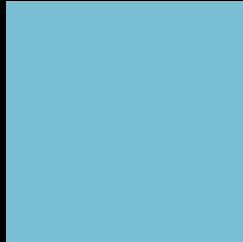
Large Text (above 18pt) WCAG AA × Fail

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 121, 190, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

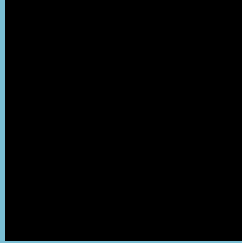
Any Text WCAG AA ✓ Pass

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 121, 190, 211 Background



This preview shows how black text looks on a background with the RGB color 121, 190, 211.



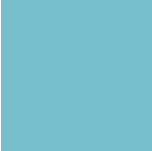
This preview shows how white text looks on a background with the RGB color 121, 190, 211.

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
120, 191, 206

Trichromacy



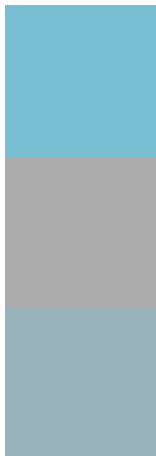
Original Color
121, 190, 211

Protanomaly
155, 182, 206

Deuteranomaly
158, 180, 213

Tritanomaly
120, 191, 208

Monochromacy



Original Color
121, 190, 211

Achromatopsia
172, 172, 172

Achromatomaly
153, 179, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 121, 190, 211 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(121, 190, 211)` looks like.

```
.text, #text, p{  
    color:rgb(121, 190, 211)  
}
```

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(121, 190, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 190, 211) }
```

Border

The CSS property to change the border of an element to RGB 121, 190, 211 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(121, 190, 211) }
```

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

```
.border{ border-color:rgb(121, 190, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 190, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 190, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 190, 211);  
box-shadow:4px 4px 4px 4px rgb(121, 190,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 121, 190, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 190, 211) }
```

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

```
.background{ background-color: rgb(121,  
190, 211) }
```

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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