

Converting Colors

RGB(115, 214, 228)

Have a look what the booklet for
RGB(115, 214, 228) contains.

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Color

RGB(115, 214, 228)

Conversions

Conversions Part 1

Format	Color
Hex	73D6E4
RGB	115, 214, 228
RGB Percent	45%, 84%, 89%
CMY	0.5490, 0.1608, 0.1059
CMYK	0.50, 0.06, 0.00, 0.11
HSL	187°, 68%, 67%
HSV	187°, 50%, 89%
XYZ	45.1204, 57.3394, 82.0883
YIQ	185.9950, -63.4980, -16.6340

Conversions

Conversions Part 2

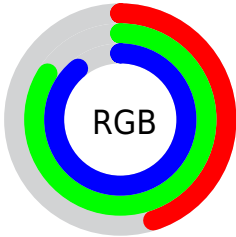
Format	Color
RYB	115, 168, 228
Decimal	7591652
CIELab	80.37, -25.34, -15.87
CIElCh	80, 29.903, 212.058
Yxy	57.3394, 0.2445, 0.3107
Android (android.graphics.Color)	4285781732 (0xFF73D6E4)
YUV	185.9950, 20.7085, -62.2626
Hunter-Lab	75.7228, -26.1534, -11.2682

Details

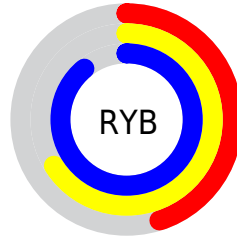
The RGB color **115, 214, 228** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **228, 129, 115**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **174, 255, 255**, and **52, 159, 173** is the 20% darker color. If you saturate the color by 10%, you get **92, 211, 228**, and if you desaturate by 10%, it is **138, 217, 228**.

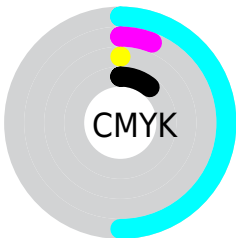
Distribution



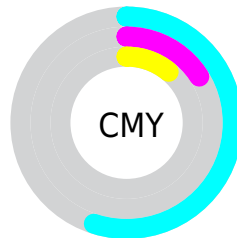
- Red (45%)
- Green (84%)
- Blue (89%)



- Red (45%)
- Yellow (66%)
- Blue (89%)



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (55%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 214, 228 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 115, 214, 228 by changing the saturation by 10% instead.

 115, 214, 228


255, 255, 255


 174, 255, 255

 203, 255, 255

 233, 255, 255


 115, 214, 228

 85, 186, 200

 52, 159, 173

 0, 133, 146

 0, 107, 120

 0, 83, 96

 0, 59, 72

 0, 37, 49

 0, 4, 29

 0, 0, 0

■ 115, 214, 228

■ 115, 214, 228

■ 92, 211, 228

■ 138, 217, 228

■ 69, 208, 228

■ 161, 220, 228

■ 47, 206, 228

■ 183, 222, 228

■ 24, 203, 228

■ 206, 225, 228

■ 1, 200, 228

■ 229, 228, 228

■ 0, 200, 228

■ 252, 231, 228

■ 255, 234, 228

■ 255, 237, 228

■ 255, 239, 228

Harmonies

Analogous

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



127, 215, 200



115, 214, 228



131, 209, 248

Triad

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



115, 214, 228



237, 183, 226



218, 198, 144

Complementary

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



115, 214, 228



228, 129, 115

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.



242, 189, 151



115, 214, 228



254, 179, 198

Square

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



115, 214, 228



206, 192, 247



255, 181, 171



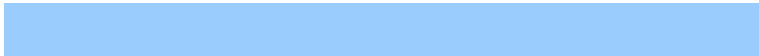
188, 207, 151

Rectangle

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



115, 214, 228



154, 204, 254



255, 181, 171



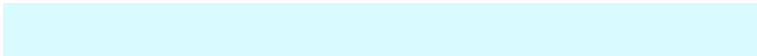
227, 195, 144

Sweetspot

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



115, 214, 228



217, 250, 255



115, 228, 128



105, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



115, 214, 228



105, 236, 255



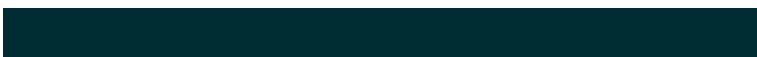
115, 158, 228



103, 113, 115



0, 156, 179



0, 45, 51

Inverse Universe

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



228, 115, 214



255, 105, 236



228, 185, 115



115, 103, 113



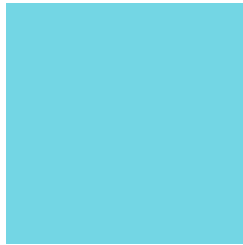
179, 0, 156



51, 0, 45

Previews

White Background



This preview shows how the RGB color 115, 214, 228 looks on a white background.

Color Contrast Check

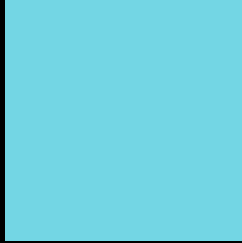
Large Text (above 18pt) WCAG AA × Fail

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 115, 214, 228 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 115, 214, 228 Background



This preview shows how black text looks on a background with the RGB color 115, 214, 228.

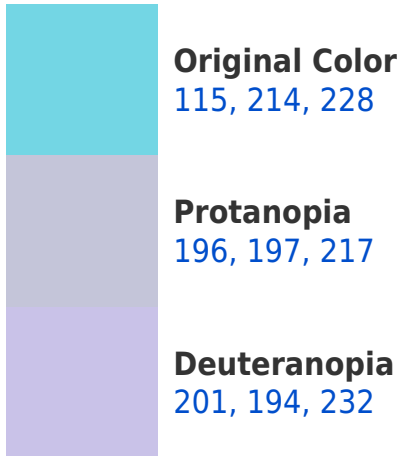


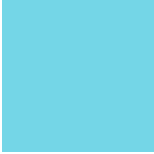
This preview shows how white text looks on a background with the RGB color 115, 214, 228.

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





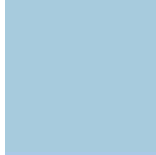
Tritanopia
116, 214, 231

Trichromacy



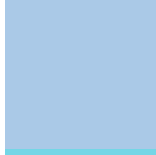
Original Color

115, 214, 228



Protanomaly

167, 203, 221



Deuteranomaly

170, 201, 231



Tritanomaly

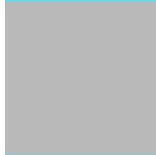
116, 214, 230

Monochromacy



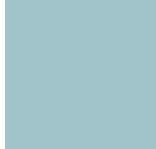
Original Color

115, 214, 228



Achromatopsia

186, 186, 186



Achromatomaly

160, 196, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 214, 228 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(115, 214, 228)` looks like.

```
.text, #text, p{  
    color:rgb(115, 214, 228)  
}
```

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(115, 214, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 214, 228) }
```

Border

The CSS property to change the border of an element to RGB 115, 214, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

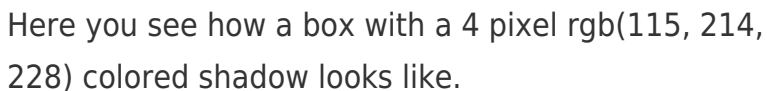
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 214, 228) }
```

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

```
.border{ border-color:rgb(115, 214, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 214, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 214, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 214, 228); box-shadow:4px 4px 4px 4px rgb(115, 214, 228) }
```

Background

The CSS property to change the background color of an element to RGB 115, 214, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 214, 228) }
```

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

```
.background{ background-color: rgb(115,  
214, 228) }
```

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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