

Converting Colors

`RYB(114, 195, 254)`

Have a look what the booklet for
RYB(114, 195, 254) contains.

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Color

RYB(114, 195, 254)

Conversions

Conversions Part 1

Format	Color
Hex	72FED8
RGB	114, 254, 216
RGB Percent	45%, 100%, 85%
CMY	0.5529, 0.0039, 0.1530
CMYK	0.55, 0.00, 0.15, 0.00
HSL	164°, 99%, 72%
HSV	164°, 55%, 100%
XYZ	54.7727, 79.4176, 77.3913
YIQ	207.8080, -71.2420, -41.4980

Conversions

Conversions Part 2

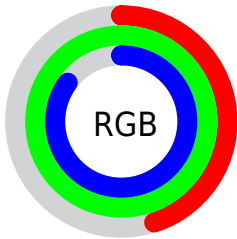
Format	Color
RYB	114, 195, 254
Decimal	7536344
CIELab	91.42, -46.95, 6.72
CIElCh	91, 47.427, 171.849
Yxy	79.4176, 0.2589, 0.3754
Android (android.graphics.Color)	4285726424 (0xFF72FED8)
YUV	207.8080, 4.0387, -82.2696
Hunter-Lab	89.1166, -46.2445, 10.8925

Details

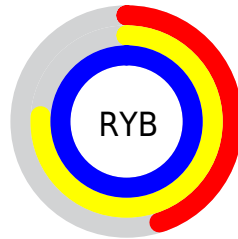
The RYB color **114, 195, 254** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **254, 114, 152**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **175, 215, 255**, and **43, 130, 197** is the 20% darker color. If you saturate the color by 10%, you get **89, 185, 254**, and if you desaturate by 10%, it is **139, 205, 254**.

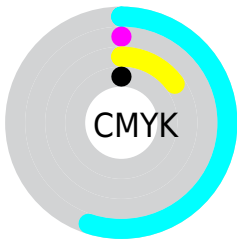
Distribution



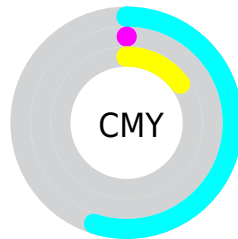
- Red (45%)
- Green (100%)
- Blue (85%)



- Red (45%)
- Yellow (76%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (55%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 195, 254 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 RYB color 114, 195, 254 by changing the saturation by 10% instead.

 114, 195, 254


255, 255, 255


 175, 215, 255

 205, 230, 255

 236, 246, 255

 114, 195, 254

 82, 164, 225

 43, 130, 197

 0, 94, 169


 0, 80, 142

 0, 66, 115

 0, 53, 90

 0, 40, 65

 0, 29, 43

 0, 10, 10

■ 114, 195, 254

■ 114, 195, 254

■ 89, 185, 254

■ 139, 205, 254

■ 63, 174, 254

■ 165, 216, 254

■ 38, 163, 254

■ 190, 227, 254

■ 12, 152, 254

■ 216, 238, 254

■ 0, 147, 254

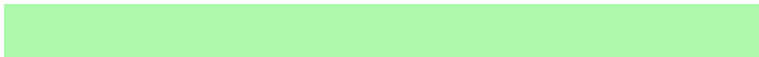
■ 241, 249, 254

255, 254, 255

Harmonies

Analogous

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



173, 248, 247



114, 195, 254



44, 149, 255

Triad

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



114, 195, 254



218, 222, 255



255, 255, 161

Complementary

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



114, 195, 254



254, 114, 152

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, 197, 199



114, 195, 254



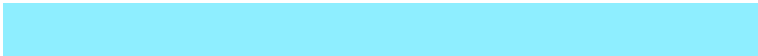
255, 207, 255

Square

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



114, 195, 254



142, 194, 255



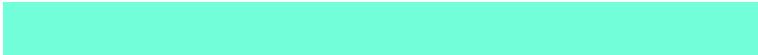
255, 196, 245



184, 255, 140

Rectangle

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



114, 195, 254



33, 143, 255



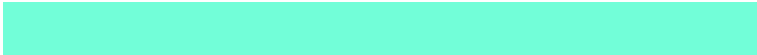
255, 196, 245



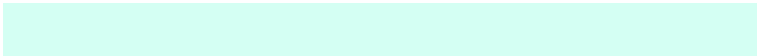
255, 221, 172

Sweetspot

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



114, 195, 254



212, 237, 255



114, 254, 214



102, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



114, 195, 254



87, 184, 255



114, 176, 254



115, 123, 128



0, 111, 191



0, 37, 64

Inverse Universe

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



254, 114, 152



255, 87, 132



254, 152, 114



128, 115, 118



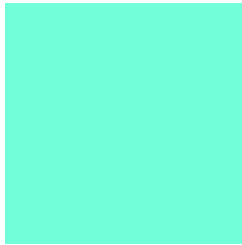
191, 0, 52



64, 0, 17

Previews

White Background



This preview shows how the RYB color 114, 195, 254 looks on a white background.

Color Contrast Check

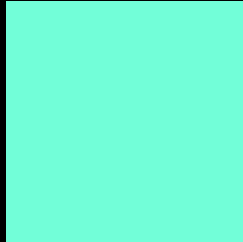
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 114, 195, 254 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](#).

RYB 114, 195, 254 Background



This preview shows how black text looks on a background with the RYB color 114, 195, 254.

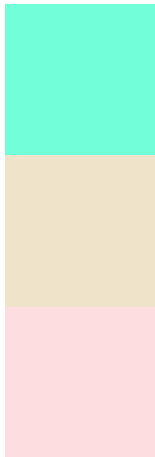


This preview shows how white text looks on a background with the RYB color 114, 195, 254.

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
114, 195, 254

Protanopia
218, 239, 202

Deuteranopia
253, 221, 223



Tritanopia
171, 209, 255

Trichromacy



Original Color

114, 195, 254



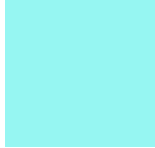
Protanomaly

194, 227, 237



Deuteranomaly

202, 222, 233



Tritanomaly

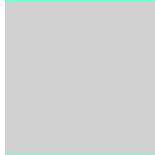
150, 199, 246

Monochromacy



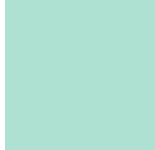
Original Color

114, 195, 254



Achromatopsia

208, 208, 208



Achromatomaly

174, 204, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 195, 254 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(114, 254, 216)` looks like.

```
.text, #text, p{  
    color:rgb(114, 254, 216)  
}
```

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(114, 254, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 254, 216) }
```

Border

The CSS property to change the border of an element to RYB 114, 195, 254 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(114, 254, 216) }
```

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

```
.border{ border-color:rgb(114, 254, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 254, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 254, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 254, 216);  
box-shadow:4px 4px 4px 4px rgb(114, 254,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 114, 195, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 254, 216) }
```

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

```
.background{ background-color: rgb(114,  
254, 216) }
```

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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