

Converting Colors

`RYB(194, 222, 240)`

Have a look what the booklet for
RYB(194, 222, 240) contains.

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Color

R_YB(194, 222, 240)

Conversions

Conversions Part 1

Format	Color
Hex	C2F0E0
RGB	194, 240, 224
RGB Percent	76%, 94%, 88%
CMY	0.2392, 0.0588, 0.1232
CMYK	0.19, 0.00, 0.07, 0.06
HSL	159°, 61%, 85%
HSV	159°, 19%, 94%
XYZ	66.8047, 79.1481, 81.9728
YIQ	224.4220, -22.2800, -14.7280

Conversions

Conversions Part 2

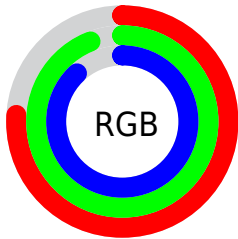
Format	Color
RYB	194, 222, 240
Decimal	12775648
CIELab	91.30, -17.95, 3.06
CIElCh	91, 18.209, 170.325
Yxy	79.1481, 0.2931, 0.3473
Android (android.graphics.Color)	4290965728 (0xFFC2F0E0)
YUV	224.4220, -0.2080, -26.6801
Hunter-Lab	88.9652, -21.6520, 7.6457

Details

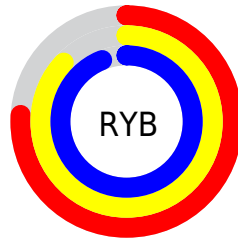
The RYB color **194, 222, 240** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **240, 194, 210**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is 251, 253, 255, and **140, 167, 184** is the 20% darker color. If you saturate the color by 10%, you get **170, 213, 240**, and if you desaturate by 10%, it is **218, 231, 240**.

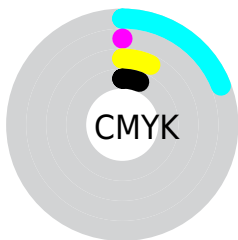
Distribution



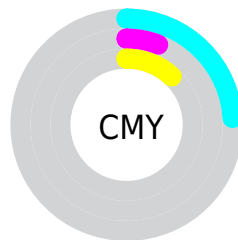
- Red (76%)
- Green (94%)
- Blue (88%)



- Red (76%)
- Yellow (87%)
- Blue (94%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (24%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 222, 240 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 194, 222, 240 by changing the saturation by 10% instead.

■ 194, 222, 240

255, 255, 255

■ 251, 253, 255

■ 194, 222, 240

■ 166, 194, 212

■ 140, 167, 184

■ 114, 140, 157

■ 88, 114, 131

■ 64, 88, 105

■ 40, 64, 81

■ 16, 41, 58

■ 0, 21, 36

■ 0, 9, 9

 194, 222, 240


 194, 222, 240

 170, 213, 240


 218, 231, 240

 146, 203, 240


 242, 240, 241


 122, 194, 240


 255, 240, 249

 98, 185, 240

 255, 240, 255

 74, 175, 240

 50, 166, 240

 26, 156, 240

 2, 147, 240

 0, 146, 240

Harmonies

Analogous

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



207, 237, 233



194, 222, 240



185, 213, 241

Triad

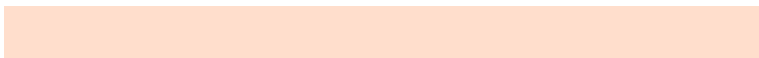
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



194, 222, 240



226, 228, 255



255, 232, 204

Complementary

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



194, 222, 240



240, 194, 210

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, 218, 219



194, 222, 240



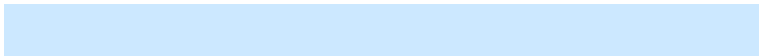
247, 222, 253

Square

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



194, 222, 240



204, 222, 255



255, 219, 236



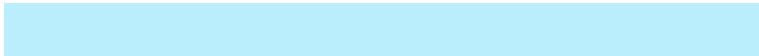
236, 250, 196

Rectangle

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



194, 222, 240



186, 215, 252



255, 219, 236



255, 224, 208

Sweetspot

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



194, 222, 240



240, 249, 255



194, 240, 223



119, 125, 128



0, 0, 0



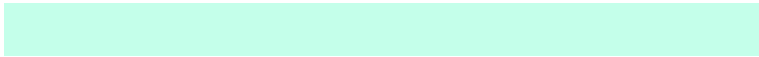
128, 128, 128

Same Dimension

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



194, 222, 240



196, 232, 255



194, 215, 240



108, 115, 120



0, 112, 184



0, 34, 56

Inverse Universe

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



240, 194, 210



255, 196, 217



240, 201, 194



120, 108, 112



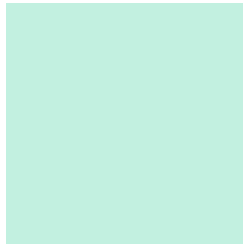
184, 0, 66



56, 0, 20

Previews

White Background



This preview shows how the RYB color 194, 222, 240 looks on a white background.

Color Contrast Check

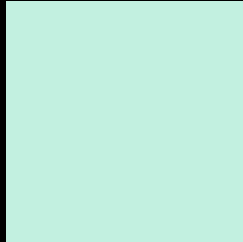
Large Text (above 18pt) WCAG AA × Fail

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 194, 222, 240 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

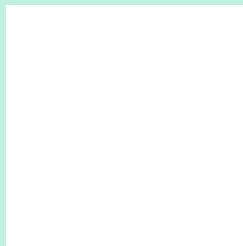
Any Text WCAG AAA ✓ Pass

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

RYB 194, 222, 240 Background



This preview shows how black text looks on a background with the RYB color 194, 222, 240.



This preview shows how white text looks on a background with the RYB color 194, 222, 240.

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





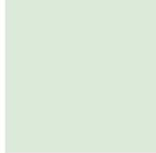
Tritanopia
200, 221, 254

Trichromacy



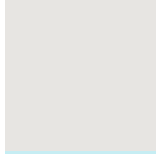
Original Color

194, 222, 240



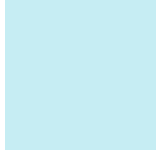
Protanomaly

219, 233, 231



Deuteranomaly

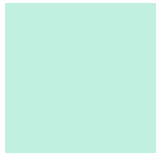
229, 231, 226



Tritanomaly

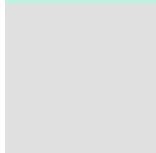
198, 219, 243

Monochromacy



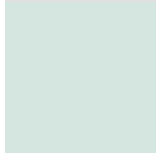
Original Color

194, 222, 240



Achromatopsia

224, 224, 224



Achromatomaly

213, 223, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 222, 240 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(194, 240, 224)` looks like.

```
.text, #text, p{  
    color:rgb(194, 240, 224)  
}
```

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(194, 240, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 240, 224) }
```

Border

The CSS property to change the border of an element to RYB 194, 222, 240 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(194, 240, 224) }
```

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

```
.border{ border-color:rgb(194, 240, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 240, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 240, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 240, 224);  
box-shadow:4px 4px 4px 4px rgb(194, 240,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 194, 222, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 240, 224) }
```

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

```
.background{ background-color: rgb(194,  
240, 224) }
```

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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