

Converting Colors

`RYB(162, 246, 215)`

Have a look what the booklet for
RYB(162, 246, 215) contains.

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Color

RYB(162, 246, 215)

Conversions

Conversions Part 1

Format	Color
Hex	C1F6A2
RGB	193, 246, 162
RGB Percent	76%, 96%, 64%
CMY	0.2431, 0.0353, 0.3647
CMYK	0.22, 0.00, 0.34, 0.04
HSL	98°, 82%, 80%
HSV	98°, 34%, 96%
XYZ	61.4697, 79.8576, 46.3567
YIQ	220.5770, -4.6240, -37.3600

Conversions

Conversions Part 2

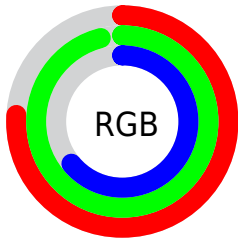
Format	Color
RYB	162, 246, 215
Decimal	12711586
CIELab	91.62, -31.49, 35.10
CIElCh	92, 47.153, 131.902
Yxy	79.8576, 0.3275, 0.4255
Android (android.graphics.Color)	4290901666 (0xFFC1F6A2)
YUV	220.5770, -28.8785, -24.1850
Hunter-Lab	89.3631, -33.6017, 31.7978

Details

The RYB color **162, 246, 215** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **215, 162, 246**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **217, 255, 221**, and **109, 189, 160** is the 20% darker color. If you saturate the color by 10%, you get **137, 246, 206**, and if you desaturate by 10%, it is **187, 246, 224**.

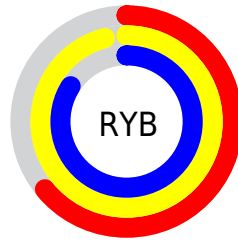
Distribution



Red (76%)

Green (96%)

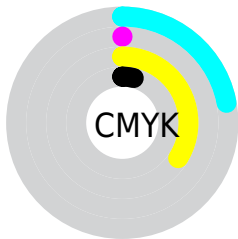
Blue (64%)



Red (64%)

Yellow (96%)

Blue (84%)

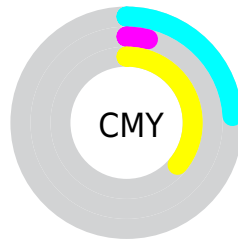


Cyan (22%)

Magenta (0%)

Yellow (34%)

Black (4%)



Cyan (24%)

Magenta (4%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 246, 215 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 162, 246, 215 by changing the saturation by 10% instead.

 162, 246, 215

255, 255, 255


 217, 255, 221


 246, 255, 246

 162, 246, 215

 135, 217, 187


 109, 189, 160

 84, 162, 135


 60, 136, 111

 36, 110, 86

 10, 85, 61

 0, 62, 56

 0, 40, 40

 0, 11, 11

 162, 246, 215

 162, 246, 215

 137, 246, 206

 187, 246, 224

 113, 246, 197

 211, 246, 233

 88, 246, 188

 236, 246, 242

 64, 246, 179

 255, 246, 255

 39, 246, 170

 14, 246, 160

 0, 246, 155

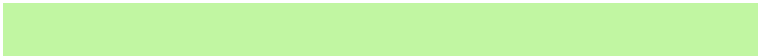
Harmonies

Analogous

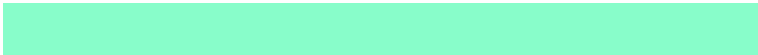
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



151, 243, 141



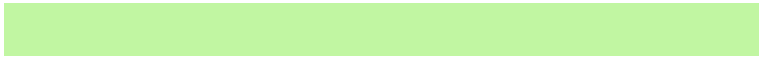
162, 246, 215



136, 211, 253

Triad

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



162, 246, 215



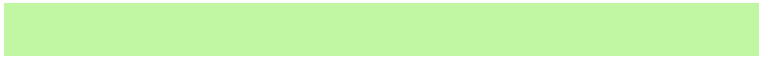
117, 183, 255



255, 196, 214

Complementary

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



162, 246, 215



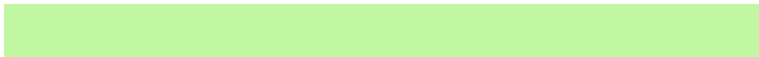
215, 162, 246

Split Complementary

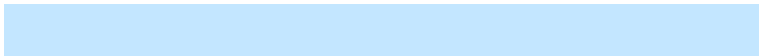
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 199, 255



162, 246, 215



195, 217, 255

Square

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



162, 246, 215



40, 147, 255



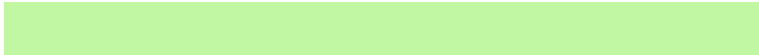
255, 213, 255



255, 223, 173

Rectangle

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



162, 246, 215



94, 181, 255



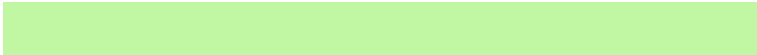
255, 213, 255



255, 196, 230

Sweetspot

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



162, 246, 215



230, 255, 246



214, 246, 162



112, 128, 122



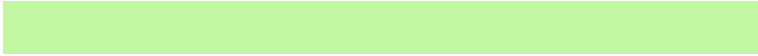
0, 0, 0



128, 128, 128

Same Dimension

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



162, 246, 215



150, 255, 216



162, 237, 246



110, 122, 117



0, 186, 117



0, 59, 37

Inverse Universe

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



215, 162, 246



216, 150, 255



246, 162, 236



118, 110, 122



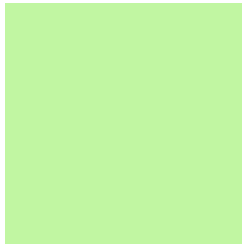
117, 0, 186



37, 0, 59

Previews

White Background



This preview shows how the RYB color 162, 246, 215 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 162, 246, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

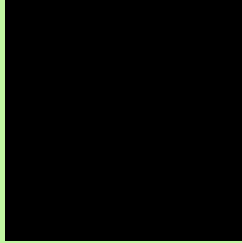
Any Text WCAG AA ✓ Pass

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 162, 246, 215 Background



This preview shows how black text looks on a background with the RYB color 162, 246, 215.

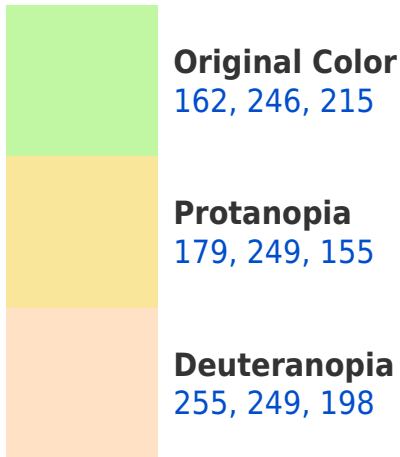


This preview shows how white text looks on a background with the RYB color 162, 246, 215.

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

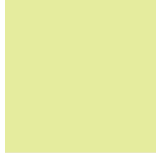
207, 224, 253

Trichromacy



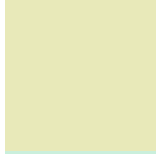
Original Color

162, 246, 215



Protanomaly

158, 236, 165



Deuteranomaly

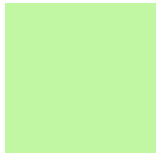
185, 233, 186



Tritanomaly

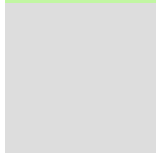
202, 227, 239

Monochromacy



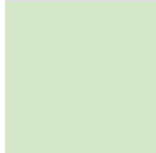
Original Color

162, 246, 215



Achromatopsia

221, 221, 221



Achromatomaly

200, 230, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 246, 215 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(193, 246, 162) looks like.

```
.text, #text, p{  
    color:rgb(193, 246, 162)  
}
```

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(193, 246, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 246, 162) }
```

Border

The CSS property to change the border of an element to RYB 162, 246, 215 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(193, 246, 162) }
```

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

```
.border{ border-color:rgb(193, 246, 162) }
```

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

Here you see how a box with a 4 pixel rgb(193, 246, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 246, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 246, 162);  
box-shadow:4px 4px 4px 4px rgb(193, 246,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 162, 246, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 246, 162) }
```

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

```
.background{ background-color: rgb(193,  
246, 162) }
```

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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