

Converting Colors

`RYB(165, 204, 194)`

Have a look what the booklet for
RYB(165, 204, 194) contains.

RYB(165, 204, 194)	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

RYB(165, 204, 194)

Conversions

Conversions Part 1

Format	Color
Hex	AFCCA5
RGB	175, 204, 165
RGB Percent	69%, 80%, 65%
CMY	0.3137, 0.2000, 0.3529
CMYK	0.14, 0.00, 0.19, 0.20
HSL	105°, 28%, 72%
HSV	105°, 19%, 80%
XYZ	46.0636, 55.0163, 43.7887
YIQ	190.8830, -4.7650, -18.2770

Conversions

Conversions Part 2

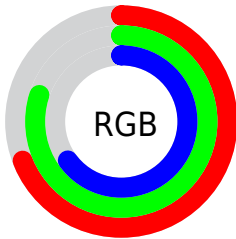
Format	Color
RYB	165, 204, 194
Decimal	11521189
CIELab	79.05, -16.96, 16.25
CIELCh	79, 23.489, 136.212
Yxy	55.0163, 0.3180, 0.3798
Android (android.graphics.Color)	4289711269 (0xFFAFCCA5)
YUV	190.8830, -12.7603, -13.9294
Hunter-Lab	74.1730, -18.9490, 16.9187

Details

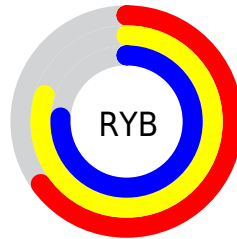
The RYB color **165, 204, 194** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **194, 165, 204**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **220, 255, 244**, and **113, 150, 141** is the 20% darker color. If you saturate the color by 10%, you get **145, 204, 189**, and if you desaturate by 10%, it is **185, 204, 199**.

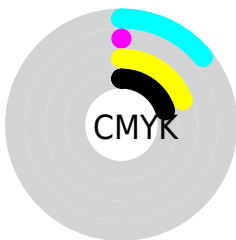
Distribution



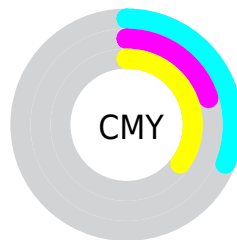
- Red (69%)
- Green (80%)
- Blue (65%)



- Red (65%)
- Yellow (80%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 204, 194 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 165, 204, 194 by changing the saturation by 10% instead.

 165, 204, 194

255, 255, 255


 220, 255, 244

 249, 255, 249

 165, 204, 194

 139, 177, 168

 113, 150, 141

 88, 124, 115

 65, 99, 91

 43, 75, 68

 22, 52, 47

 0, 31, 25

 0, 0, 0

 165, 204, 194

 165, 204, 194


 145, 204, 189

 185, 204, 199

 124, 204, 183

 205, 204, 206


 104, 204, 179

 221, 204, 226

 83, 204, 173

 236, 204, 247

 63, 204, 168

 251, 204, 255

 43, 204, 163

 255, 204, 255

 22, 204, 157

 2, 204, 152

 0, 204, 152

Harmonies

Analogous

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



156, 200, 154



165, 204, 194



152, 187, 208

Triad

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



165, 204, 194



157, 186, 238



241, 180, 184

Complementary

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



165, 204, 194



194, 165, 204

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.



233, 181, 207



165, 204, 194



186, 193, 237

Square

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



165, 204, 194



138, 176, 226



214, 186, 226



237, 191, 165

Rectangle

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



165, 204, 194



140, 176, 208



214, 186, 226



240, 180, 192

Sweetspot

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



165, 204, 194



240, 255, 251



178, 204, 165



119, 128, 126



0, 0, 0



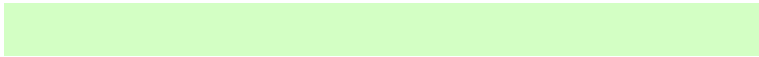
128, 128, 128

Same Dimension

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



165, 204, 194



196, 255, 240



165, 197, 204



92, 102, 100



0, 166, 123



0, 38, 28

Inverse Universe

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



194, 165, 204



240, 196, 255



204, 165, 195



99, 92, 102



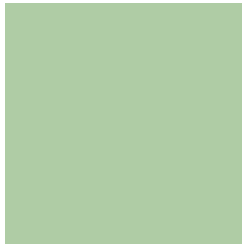
123, 0, 166



28, 0, 38

Previews

White Background



This preview shows how the RYB color 165, 204, 194 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 165, 204, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

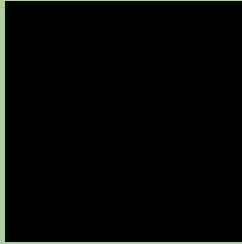
Any Text WCAG AA ✓ Pass

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 165, 204, 194 Background



This preview shows how black text looks on a background with the RYB color 165, 204, 194.



This preview shows how white text looks on a background with the RYB color 165, 204, 194.

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](#).

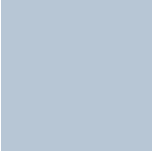
Dichromacy



Original Color
165, 204, 194

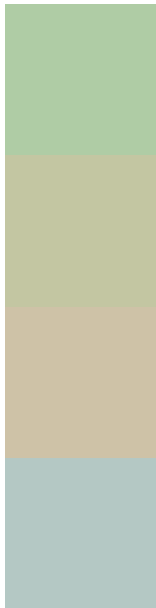
Protanopia
177, 207, 161

Deuteranopia
224, 199, 168



Tritanopia
183, 193, 213

Trichromacy



Original Color
165, 204, 194

Protanomaly
162, 198, 165

Deuteranomaly
184, 206, 167

Tritanomaly
180, 191, 200

Monochromacy



Original Color
165, 204, 194

Achromatopsia
191, 191, 191

Achromatomaly
182, 196, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 204, 194 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(175, 204, 165)` looks like.

```
.text, #text, p{  
    color:rgb(175, 204, 165)  
}
```

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(175, 204, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 204, 165) }
```

Border

The CSS property to change the border of an element to RYB 165, 204, 194 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(175, 204, 165) }
```

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

```
.border{ border-color:rgb(175, 204, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 204, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 204, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 204, 165);  
box-shadow:4px 4px 4px 4px rgb(175, 204,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 165, 204, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 204, 165) }
```

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

```
.background{ background-color: rgb(175,  
204, 165) }
```

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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