

Converting Colors

`RYB(131, 216, 204)`

Have a look what the booklet for
RYB(131, 216, 204) contains.

RYB(131, 216, 204)	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

R_YB(131, 216, 204)

Conversions

Conversions Part 1

Format	Color
Hex	8FD883
RGB	143, 216, 131
RGB Percent	56%, 85%, 51%
CMY	0.4392, 0.1529, 0.4863
CMYK	0.34, 0.00, 0.39, 0.15
HSL	112°, 52%, 68%
HSV	112°, 39%, 85%
XYZ	39.9803, 56.5901, 30.2885
YIQ	184.4830, -16.2230, -41.9110

Conversions

Conversions Part 2

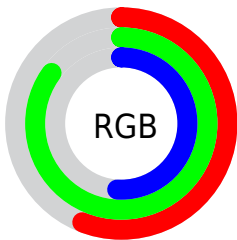
Format	Color
RYB	131, 216, 204
Decimal	9427075
CIELab	79.95, -38.94, 34.87
CIELCh	80, 52.270, 138.154
Yxy	56.5901, 0.3152, 0.4461
Android (android.graphics.Color)	4287617155 (0xFF8FD883)
YUV	184.4830, -26.3671, -36.3806
Hunter-Lab	75.2264, -36.7794, 28.7864

Details

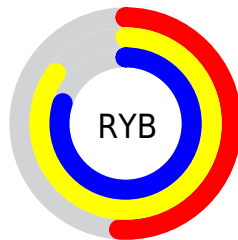
The RYB color **131, 216, 204** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **204, 131, 216**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **185, 255, 241**, and **80, 161, 152** is the 20% darker color. If you saturate the color by 10%, you get **109, 216, 201**, and if you desaturate by 10%, it is **153, 216, 207**.

Distribution



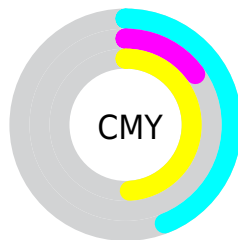
- Red (56%)
- Green (85%)
- Blue (51%)



- Red (51%)
- Yellow (85%)
- Blue (80%)



- Cyan (34%)
- Magenta (0%)
- Yellow (39%)
- Black (15%)



- Cyan (44%)
- Magenta (15%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 216, 204 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 131, 216, 204 by changing the saturation by 10% instead.

 131, 216, 204

255, 255, 255


 185, 255, 241


 213, 255, 240


 241, 255, 241

 131, 216, 204

 105, 188, 177

 80, 161, 152

 56, 134, 128

 32, 108, 107

 0, 78, 83

 0, 59, 59

 0, 39, 39

 0, 0, 0

 131, 216, 204

 131, 216, 204

 109, 216, 201

 153, 216, 207

 88, 216, 198

 174, 216, 210

 66, 216, 195

 196, 216, 213

 45, 216, 192

 217, 216, 217

 23, 216, 189

 236, 216, 239

 1, 216, 185

 254, 216, 255

 0, 216, 186

 255, 216, 255

Harmonies

Analogous

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



103, 205, 109



131, 216, 204



64, 156, 222

Triad

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



131, 216, 204



64, 146, 255



255, 159, 170

Complementary

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



131, 216, 204



204, 131, 216

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, 160, 220



131, 216, 204



172, 189, 255

Square

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



131, 216, 204



0, 118, 255



240, 174, 255



255, 194, 127

Rectangle

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



131, 216, 204



0, 116, 224



240, 174, 255



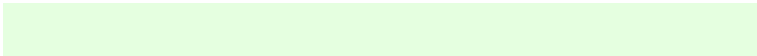
255, 158, 187

Sweetspot

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



131, 216, 204



224, 255, 250



146, 216, 131



110, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



131, 216, 204



135, 255, 238



131, 194, 216



96, 107, 105



0, 171, 147



0, 43, 37

Inverse Universe

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



204, 131, 216



238, 135, 255



216, 131, 186



106, 96, 107



147, 0, 171



37, 0, 43

Previews

White Background



This preview shows how the RYB color 131, 216, 204 looks on a white background.

Color Contrast Check

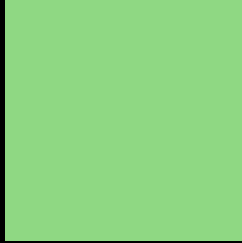
Large Text (above 18pt) WCAG AA × Fail

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 131, 216, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

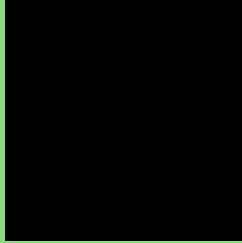
Any Text WCAG AA ✓ Pass

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 131, 216, 204 Background



This preview shows how black text looks on a background with the RYB color 131, 216, 204.

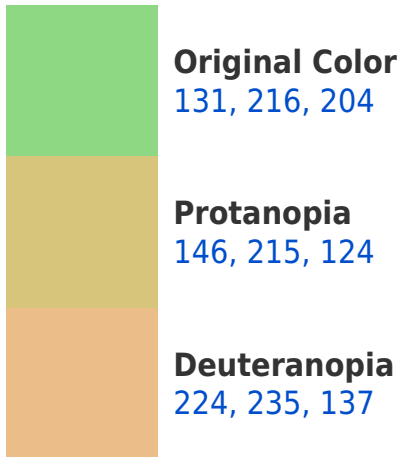


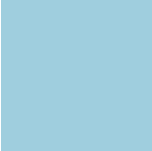
This preview shows how white text looks on a background with the RYB color 131, 216, 204.

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
159, 186, 222

Trichromacy



Original Color

131, 216, 204



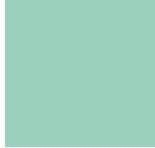
Protanomaly

127, 204, 142



Deuteranomaly

138, 202, 135



Tritanomaly

153, 187, 209

Monochromacy



Original Color

131, 216, 204



Achromatopsia

184, 184, 184



Achromatomaly

165, 196, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 216, 204 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(143, 216, 131)` looks like.

```
.text, #text, p{  
    color:rgb(143, 216, 131)  
}
```

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(143, 216, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 216, 131) }
```

Border

The CSS property to change the border of an element to RYB 131, 216, 204 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(143, 216, 131) }
```

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

```
.border{ border-color:rgb(143, 216, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 216, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 216, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 216, 131);  
box-shadow:4px 4px 4px 4px rgb(143, 216,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 131, 216, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 216, 131) }
```

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

```
.background{ background-color: rgb(143,  
216, 131) }
```

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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