

Converting Colors

`RYB(125, 207, 203)`

Have a look what the booklet for
RYB(125, 207, 203) contains.

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Color

R_YB(125, 207, 203)

Conversions

Conversions Part 1

Format	Color
Hex	81CF7D
RGB	129, 207, 125
RGB Percent	51%, 81%, 49%
CMY	0.4941, 0.1882, 0.5098
CMYK	0.38, 0.00, 0.40, 0.19
HSL	117°, 46%, 65%
HSV	117°, 40%, 81%
XYZ	35.0678, 50.7734, 27.3540
YIQ	174.3300, -20.1660, -42.0380

Conversions

Conversions Part 2

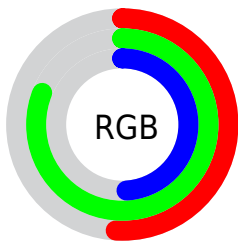
Format	Color
RYB	125, 207, 203
Decimal	8507261
CIELab	76.54, -40.27, 33.36
CIELCh	77, 52.293, 140.366
Yxy	50.7734, 0.3098, 0.4485
Android (android.graphics.Color)	4286697341 (0xFF81CF7D)
YUV	174.3300, -24.3197, -39.7544
Hunter-Lab	71.2555, -36.8499, 27.1182

Details

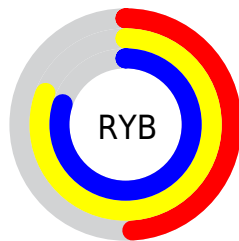
The RYB color **125, 207, 203** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **203, 125, 207**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **178, 255, 248**, and **75, 152, 152** is the 20% darker color. If you saturate the color by 10%, you get **104, 207, 202**, and if you desaturate by 10%, it is **146, 207, 204**.

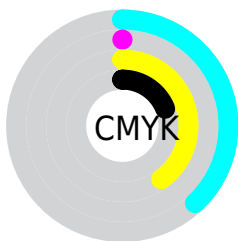
Distribution



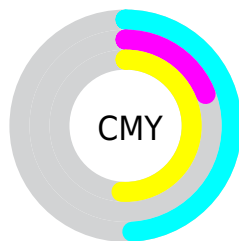
- Red (51%)
- Green (81%)
- Blue (49%)



- Red (49%)
- Yellow (81%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (40%)
- Black (19%)



- Cyan (49%)
- Magenta (19%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RYB color 125, 207, 203 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 125, 207, 203 by changing the saturation by 10% instead.


 125, 207, 203

 125, 207, 203


255, 255, 255

 99, 179, 176

 178, 255, 248

 75, 152, 152

 206, 255, 248

 47, 122, 126

 235, 255, 247

 11, 86, 100

 0, 74, 75

 0, 52, 52

 0, 31, 31

 0, 0, 0

 125, 207, 203

 125, 207, 203

 104, 207, 202

 146, 207, 204

 84, 207, 201

 166, 207, 205

 63, 207, 200

 187, 207, 206

 42, 207, 199

 208, 207, 208

 21, 207, 197

 227, 207, 229

 1, 207, 197

 247, 207, 249

 0, 207, 197

 255, 207, 255

Harmonies

Analogous

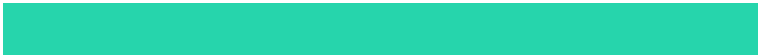
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95, 196, 106



125, 207, 203



38, 137, 213

Triad

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



125, 207, 203



59, 141, 255



255, 150, 158

Complementary

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



125, 207, 203



203, 125, 207

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, 150, 207



125, 207, 203



168, 180, 255

Square

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



125, 207, 203



0, 115, 255



234, 164, 251



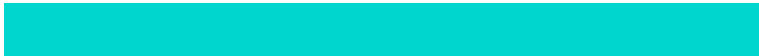
255, 187, 116

Rectangle

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



125, 207, 203



0, 109, 214



234, 164, 251



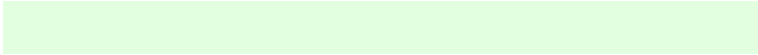
255, 149, 174

Sweetspot

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



125, 207, 203



224, 255, 253



129, 207, 125



110, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



125, 207, 203



133, 255, 249



125, 182, 207



94, 105, 104



0, 168, 160



0, 41, 39

Inverse Universe

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



203, 125, 207



249, 133, 255



207, 125, 170



104, 94, 105



160, 0, 168



39, 0, 41

Previews

White Background



This preview shows how the RYB color 125, 207, 203 looks on a white background.

Color Contrast Check

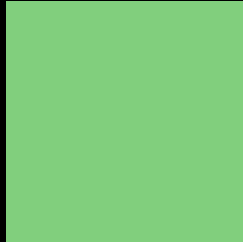
Large Text (above 18pt) WCAG AA × Fail

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 125, 207, 203 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 125, 207, 203 Background



This preview shows how black text looks on a background with the RYB color 125, 207, 203.

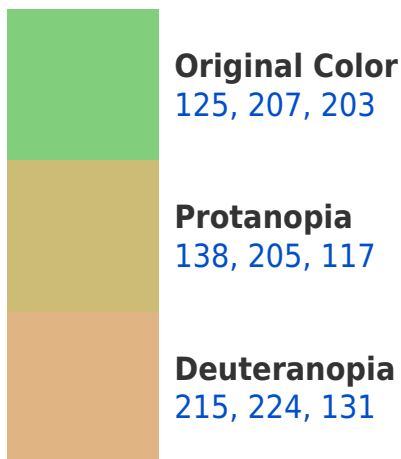


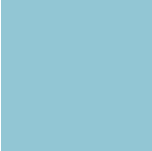
This preview shows how white text looks on a background with the RYB color 125, 207, 203.

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
146, 175, 212

Trichromacy



Original Color

125, 207, 203



Protanomaly

120, 195, 138



Deuteranomaly

129, 190, 130



Tritanomaly

140, 177, 201

Monochromacy



Original Color

125, 207, 203



Achromatopsia

174, 174, 174



Achromatomaly

156, 186, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 207, 203 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(129, 207, 125)` looks like.

```
.text, #text, p{  
    color:rgb(129, 207, 125)  
}
```

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(129, 207, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 207, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 207, 203 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(129, 207, 125) }
```

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

```
.border{ border-color:rgb(129, 207, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 207, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 207, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 207, 125); box-shadow:4px 4px 4px 4px rgb(129, 207, 125) }
```

Background

The CSS property to change the background color of an element to RYB 129, 207, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 207, 125) }
```

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

```
.background{ background-color: rgb(129,  
207, 125) }
```

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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