

Converting Colors

`RYB(150, 237, 177)`

Have a look what the booklet for
RYB(150, 237, 177) contains.

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Color

R_YB(150, 237, 177)

Conversions

Conversions Part 1

Format	Color
Hex	D2ED96
RGB	210, 237, 150
RGB Percent	82%, 93%, 59%
CMY	0.1765, 0.0706, 0.4118
CMYK	0.11, 0.00, 0.37, 0.07
HSL	79°, 71%, 76%
HSV	79°, 37%, 93%
XYZ	62.3675, 76.4720, 40.3276
YIQ	219.0090, 11.8350, -32.7810

Conversions

Conversions Part 2

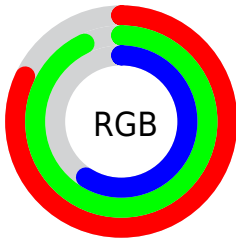
Format	Color
RYB	150, 237, 177
Decimal	13823382
CIELab	90.08, -22.75, 39.26
CIELCh	90, 45.376, 120.084
Yxy	76.4720, 0.3481, 0.4268
Android (android.graphics.Color)	4292013462 (0xFFD2ED96)
YUV	219.0090, -34.0214, -7.9009
Hunter-Lab	87.4483, -25.7294, 33.8716

Details

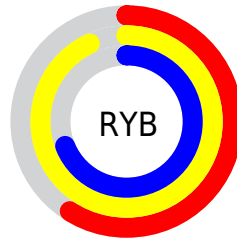
The RYB color **150, 237, 177** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **177, 150, 237**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **205, 255, 205**, and **98, 181, 125** is the 20% darker color. If you saturate the color by 10%, you get **126, 237, 160**, and if you desaturate by 10%, it is **174, 237, 194**.

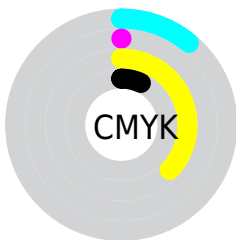
Distribution



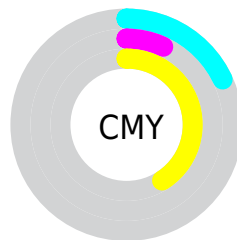
- Red (82%)
- Green (93%)
- Blue (59%)



- Red (59%)
- Yellow (93%)
- Blue (69%)



- Cyan (11%)
- Magenta (0%)
- Yellow (37%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 237, 177 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 150, 237, 177 by changing the saturation by 10% instead.

 150, 237, 177


255, 255, 255


 205, 255, 205


 234, 255, 234

 150, 237, 177

 124, 209, 151

 98, 181, 125

 73, 154, 100

 48, 128, 75

 23, 103, 50

 0, 79, 28

 0, 56, 28

 0, 35, 35

 0, 1, 1

 150, 237, 177

 150, 237, 177


 126, 237, 160

 174, 237, 194

 103, 237, 145

 197, 237, 209

 79, 237, 128

 221, 237, 226

 55, 237, 111

 239, 237, 245

 31, 237, 95

 247, 237, 255

 8, 237, 79

 254, 237, 255

 0, 237, 74

 255, 237, 255

Harmonies

Analogous

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



181, 255, 139



150, 237, 177



158, 227, 246

Triad

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



150, 237, 177



90, 169, 255



255, 193, 228

Complementary

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



150, 237, 177



177, 150, 237

Split Complementary

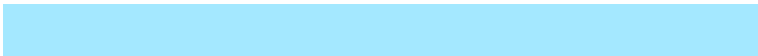
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 201, 255



150, 237, 177



164, 203, 255

Square

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



150, 237, 177



51, 151, 255



232, 215, 255



255, 199, 185

Rectangle

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



150, 237, 177



121, 197, 249



232, 215, 255



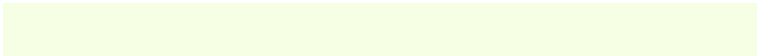
255, 194, 243

Sweetspot

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



150, 237, 177



227, 255, 236



237, 187, 150



111, 128, 117



0, 0, 0



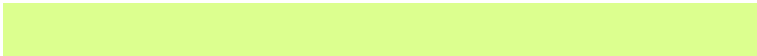
128, 128, 128

Same Dimension

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



150, 237, 177



143, 255, 178



150, 237, 220



106, 117, 109



0, 181, 56



0, 54, 17

Inverse Universe

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



177, 150, 237



178, 143, 255



220, 150, 237



109, 106, 117



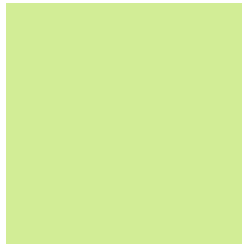
56, 0, 181



17, 0, 54

Previews

White Background



This preview shows how the RYB color 150, 237, 177 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 150, 237, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

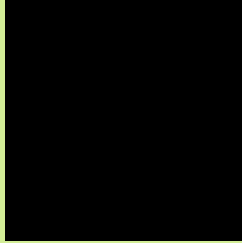
Any Text WCAG AA ✓ Pass

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 150, 237, 177 Background



This preview shows how black text looks on a background with the RYB color 150, 237, 177.

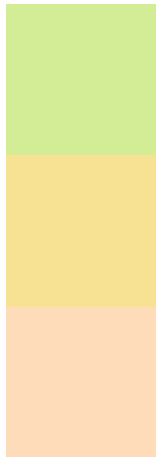


This preview shows how white text looks on a background with the RYB color 150, 237, 177.

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
150, 237, 177

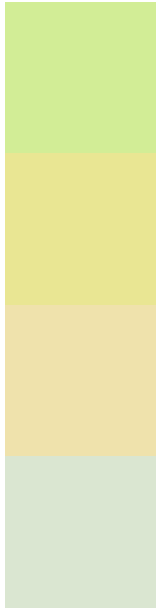
Protanopia
171, 246, 146

Deuteranopia
255, 255, 185



Tritanopia
222, 225, 243

Trichromacy



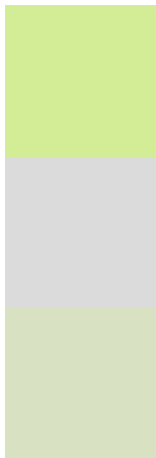
Original Color
150, 237, 177

Protanomaly
150, 233, 147

Deuteranomaly
188, 239, 172

Tritanomaly
209, 230, 221

Monochromacy



Original Color
150, 237, 177

Achromatopsia
219, 219, 219

Achromatomaly
194, 226, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 237, 177 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(210, 237, 150) looks like.

```
.text, #text, p{  
    color:rgb(210, 237, 150)  
}
```

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(210, 237, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 237, 150) }
```

Border

The CSS property to change the border of an element to RYB 150, 237, 177 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(210, 237, 150) }
```

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

```
.border{ border-color:rgb(210, 237, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 237, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 237, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 237, 150);  
box-shadow:4px 4px 4px 4px rgb(210, 237,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 150, 237, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 237, 150) }
```

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

```
.background{ background-color: rgb(210,  
237, 150) }
```

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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