

Converting Colors

`RYB(177, 250, 162)`

Have a look what the booklet for
RYB(177, 250, 162) contains.

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Color

R_YB(177, 250, 162)

Conversions

Conversions Part 1

Format	Color
Hex	FAEDA2
RGB	250, 237, 162
RGB Percent	98%, 93%, 64%
CMY	0.0196, 0.0699, 0.3647
CMYK	0.00, 0.05, 0.35, 0.02
HSL	51°, 90%, 81%
HSV	51°, 35%, 98%
XYZ	76.2836, 83.6079, 46.2998
YIQ	232.3370, 31.8230, -20.5690

Conversions

Conversions Part 2

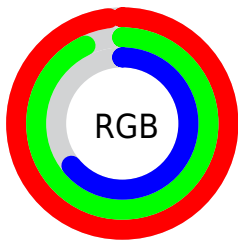
Format	Color
RYB	177, 250, 162
Decimal	16444834
CIELab	93.28, -6.38, 38.02
CIELCh	93, 38.549, 99.520
Yxy	83.6079, 0.3700, 0.4055
Android (android.graphics.Color)	4294634914 (0xFFFAEDA2)
YUV	232.3370, -34.6761, 15.4905
Hunter-Lab	91.4373, -11.0979, 33.9843

Details

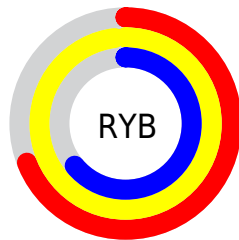
The RYB color **177, 250, 162** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **162, 173, 250**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **217, 255, 217**, and **122, 192, 109** is the 20% darker color. If you saturate the color by 10%, you get **156, 250, 137**, and if you desaturate by 10%, it is **198, 250, 187**.

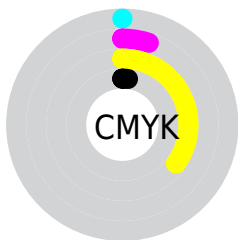
Distribution



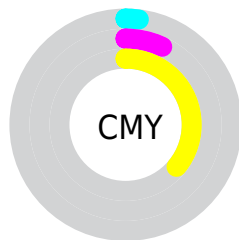
- Red (98%)
- Green (93%)
- Blue (64%)



- Red (69%)
- Yellow (98%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (35%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 250, 162 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 177, 250, 162 by changing the saturation by 10% instead.

 177, 250, 162


255, 255, 255


 218, 255, 218

 246, 255, 246

 177, 250, 162

 149, 221, 135

 122, 192, 109

 94, 164, 84

 69, 137, 60

 44, 111, 36

 15, 85, 10

 4, 61, 0

 0, 36, 0

 0, 15, 13

■ 177, 250, 162

■ 177, 250, 162

■ 156, 250, 137

■ 198, 250, 187

■ 135, 250, 112

■ 219, 250, 212

■ 115, 250, 87

■ 239, 250, 237

■ 94, 250, 62

■ 250, 251, 255

■ 73, 250, 37

■ 250, 253, 255

■ 53, 250, 12

■ 42, 250, 0

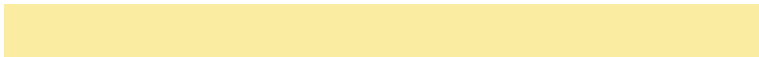
Harmonies

Analogous

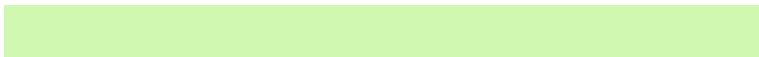
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213, 255, 167



177, 250, 162



177, 248, 216

Triad

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



177, 250, 162



117, 186, 255



255, 211, 255

Complementary

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



177, 250, 162



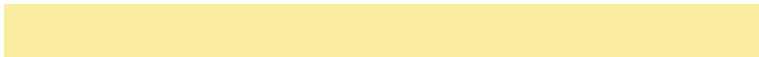
162, 173, 250

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, 222, 255



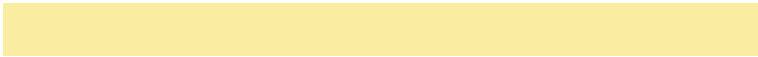
177, 250, 162



150, 200, 255

Square

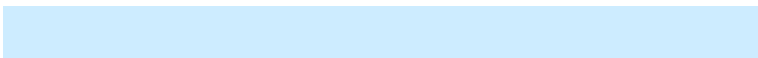
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



177, 250, 162



127, 193, 255



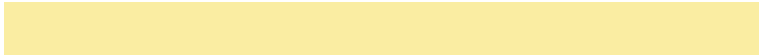
205, 224, 255



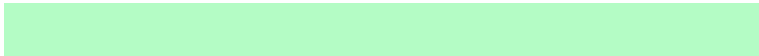
255, 208, 225

Rectangle

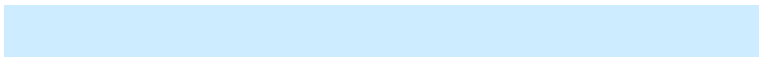
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177, 250, 162



180, 238, 252



205, 224, 255



255, 214, 255

Sweetspot

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



177, 250, 162



232, 255, 227



250, 162, 175



115, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

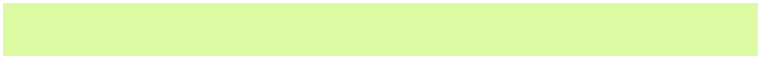
The Same Dimension uses a secret algorithm to generate beautiful new colors.



177, 250, 162



167, 255, 148



162, 250, 193



114, 125, 112



33, 189, 0



11, 61, 0

Inverse Universe

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



162, 173, 250



148, 161, 255



193, 162, 250



112, 114, 125



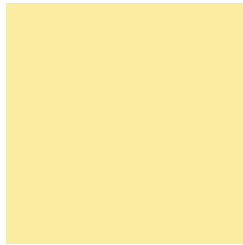
0, 24, 189



0, 8, 61

Previews

White Background



This preview shows how the RYB color 177, 250, 162 looks on a white background.

Color Contrast Check

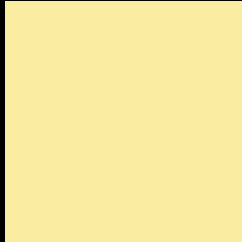
Large Text (above 18pt) WCAG AA × Fail

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 177, 250, 162 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 177, 250, 162 Background



This preview shows how black text looks on a background with the RYB color 177, 250, 162.



This preview shows how white text looks on a background with the RYB color 177, 250, 162.

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
177, 250, 162

Protanopia
185, 255, 161

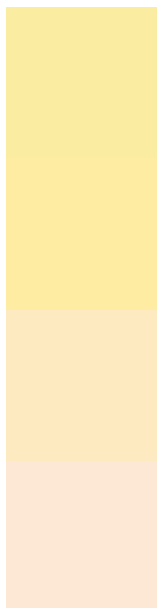
Deuteranopia
255, 251, 211



Tritanopia

255, 229, 243

Trichromacy



Original Color

177, 250, 162

Protanomaly

182, 253, 161

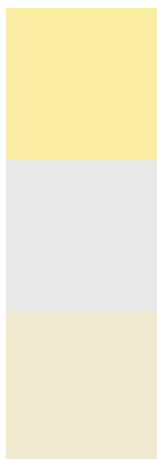
Deuteranomaly

221, 253, 193

Tritanomaly

253, 247, 214

Monochromacy



Original Color

177, 250, 162

Achromatopsia

232, 232, 232

Achromatomaly

213, 239, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 250, 162 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(250, 237, 162) looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 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(250, 237, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 162) }
```

Border

The CSS property to change the border of an element to RYB 177, 250, 162 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(250, 237, 162) }
```

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

```
.border{ border-color:rgb(250, 237, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 237, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 162);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 177, 250, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 162) }
```

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

```
.background{ background-color: rgb(250,  
237, 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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