

Converting Colors

`RYB(175, 227, 150)`

Have a look what the booklet for
RYB(175, 227, 150) contains.

RYB(175, 227, 150)	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(175, 227, 150)

Conversions

Conversions Part 1

Format	Color
Hex	E3D096
RGB	227, 208, 150
RGB Percent	89%, 82%, 59%
CMY	0.1098, 0.1838, 0.4118
CMYK	0.00, 0.08, 0.34, 0.11
HSL	45°, 58%, 74%
HSV	45°, 34%, 89%
XYZ	59.7705, 63.7068, 38.0006
YIQ	207.0690, 29.9420, -14.0100

Conversions

Conversions Part 2

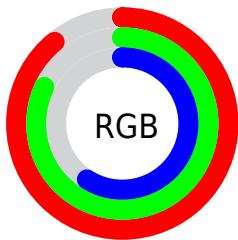
Format	Color
RYB	175, 227, 150
Decimal	14930070
CIELab	83.81, -1.86, 31.28
CIELCh	84, 31.334, 93.398
Yxy	63.7068, 0.3701, 0.3945
Android (android.graphics.Color)	4293120150 (0xFFE3D096)
YUV	207.0690, -28.1350, 17.4795
Hunter-Lab	79.8166, -6.0095, 27.6437

Details

The RYB color **175, 227, 150** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **150, 165, 227**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **205, 255, 205**, and **121, 171, 99** is the 20% darker color. If you saturate the color by 10%, you get **159, 227, 127**, and if you desaturate by 10%, it is **190, 227, 173**.

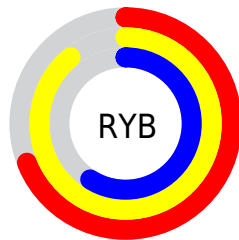
Distribution



Red (89%)

Green (82%)

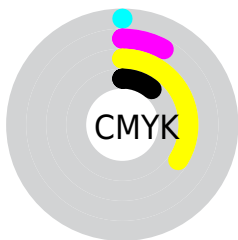
Blue (59%)



Red (69%)

Yellow (89%)

Blue (59%)

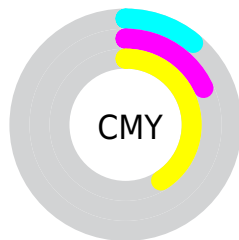


Cyan (0%)

Magenta (8%)

Yellow (34%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 227, 150 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 175, 227, 150 by changing the saturation by 10% instead.


 175, 227, 150


255, 255, 255

 205, 255, 205

 233, 255, 233


 175, 227, 150

 146, 198, 124

 121, 171, 99

 93, 143, 74

 68, 117, 50

 43, 91, 28

 15, 66, 3

 10, 43, 0

 2, 16, 0

 0, 0, 0

 175, 227, 150


 175, 227, 150

 159, 227, 127


 190, 227, 173

 145, 227, 105

 206, 227, 195

 130, 227, 82

 221, 227, 218

 113, 227, 59

 227, 229, 241

 99, 227, 37

 227, 234, 255

 83, 227, 14

 227, 237, 255

 74, 227, 0

 227, 239, 255

 227, 240, 255

 227, 241, 255

Harmonies

Analogous

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



253, 229, 157



175, 227, 150



159, 217, 181

Triad

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



175, 227, 150



119, 175, 240



250, 191, 236

Complementary

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



175, 227, 150



150, 165, 227

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.



218, 200, 255



175, 227, 150



138, 186, 255

Square

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



175, 227, 150



131, 183, 226



177, 201, 255



255, 187, 207

Rectangle

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



175, 227, 150



172, 220, 221



177, 201, 255



241, 194, 245

Sweetspot

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



175, 227, 150



238, 255, 230



227, 150, 169



117, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



175, 227, 150



185, 255, 150



150, 227, 169



107, 115, 103



58, 179, 0



16, 51, 0

Inverse Universe

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



150, 165, 227



150, 171, 255



169, 150, 227



103, 105, 115



0, 35, 179



0, 10, 51

Previews

White Background



This preview shows how the RYB color 175, 227, 150 looks on a white background.

Color Contrast Check

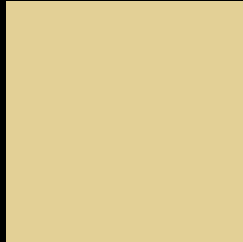
Large Text (above 18pt) WCAG AA × Fail

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 175, 227, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

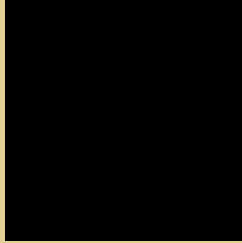
Any Text WCAG AA ✓ Pass

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 175, 227, 150 Background



This preview shows how black text looks on a background with the RYB color 175, 227, 150.

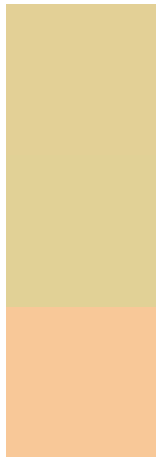


This preview shows how white text looks on a background with the RYB color 175, 227, 150.

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
175, 227, 150

Protanopia
170, 225, 150

Deuteranopia
248, 248, 152



Tritanopia
234, 200, 215

Trichromacy



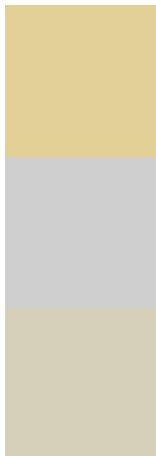
Original Color
175, 227, 150

Protanomaly
172, 226, 150

Deuteranomaly
214, 240, 151

Tritanomaly
231, 208, 191

Monochromacy



Original Color
175, 227, 150

Achromatopsia
207, 207, 207

Achromatomaly
195, 214, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 227, 150 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(227, 208, 150)` looks like.

```
.text, #text, p{  
    color:rgb(227, 208, 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(227, 208, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 208, 150) }
```

Border

The CSS property to change the border of an element to RYB 175, 227, 150 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(227, 208, 150) }
```

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

```
.border{ border-color:rgb(227, 208, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 208, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 208, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 208, 150);  
box-shadow:4px 4px 4px 4px rgb(227, 208,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 175, 227, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 208, 150) }
```

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

```
.background{ background-color: rgb(227,  
208, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor