

Converting Colors

`RYB(168, 230, 160)`

Have a look what the booklet for
RYB(168, 230, 160) contains.

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Color

R_YB(168, 230, 160)

Conversions

Conversions Part 1

Format	Color
Hex	E6DFA0
RGB	230, 223, 160
RGB Percent	90%, 87%, 63%
CMY	0.0980, 0.1262, 0.3725
CMYK	0.00, 0.03, 0.30, 0.10
HSL	54°, 58%, 76%
HSV	54°, 30%, 90%
XYZ	65.3180, 72.0405, 43.7203
YIQ	217.9110, 24.3950, -18.1090

Conversions

Conversions Part 2

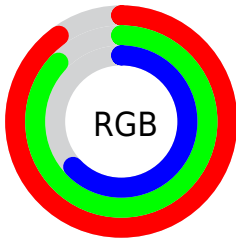
Format	Color
RYB	168, 230, 160
Decimal	15130528
CIELab	87.99, -6.99, 31.74
CIElCh	88, 32.501, 102.422
Yxy	72.0405, 0.3607, 0.3978
Android (android.graphics.Color)	4293320608 (0xFFE6DFA0)
YUV	217.9110, -28.5501, 10.6021
Hunter-Lab	84.8767, -11.1671, 28.8732

Details

The RYB color **168, 230, 160** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **160, 166, 230**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **215, 255, 215**, and **115, 174, 108** is the 20% darker color. If you saturate the color by 10%, you get **148, 230, 137**, and if you desaturate by 10%, it is **189, 230, 183**.

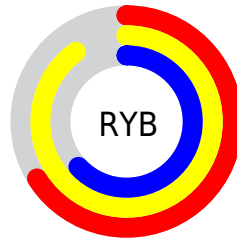
Distribution



Red (90%)

Green (87%)

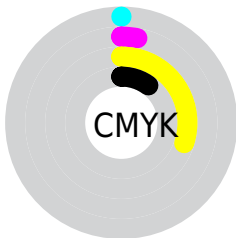
Blue (63%)



Red (66%)

Yellow (90%)

Blue (63%)

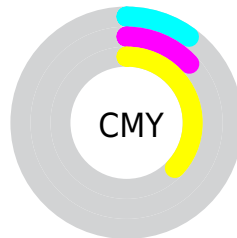


Cyan (0%)

Magenta (3%)

Yellow (30%)

Black (10%)



Cyan (10%)

Magenta (13%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 230, 160 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 168, 230, 160 by changing the saturation by 10% instead.

 168, 230, 160

255, 255, 255

 215, 255, 215

 244, 255, 244

 168, 230, 160

 141, 201, 134


 115, 174, 108

 88, 146, 83

 63, 120, 59

 39, 94, 36

 14, 70, 12

 1, 47, 0

 0, 26, 4

 0, 0, 0

 168, 230, 160

 168, 230, 160

 148, 230, 137

 189, 230, 183

 127, 230, 114

 208, 230, 206

 107, 230, 91

 229, 230, 229

 87, 230, 68

 230, 232, 252

 66, 230, 45

 230, 234, 255

 45, 230, 22

 230, 235, 255

 27, 230, 0

 230, 237, 255

 230, 238, 255

 230, 239, 255

Harmonies

Analogous

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



242, 255, 162



168, 230, 160



174, 231, 210

Triad

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



168, 230, 160



129, 187, 255



255, 200, 240

Complementary

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



168, 230, 160



160, 166, 230

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.



241, 208, 255



168, 230, 160



157, 199, 255

Square

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



168, 230, 160



133, 187, 238



200, 214, 255



255, 198, 209

Rectangle

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



168, 230, 160



172, 220, 235



200, 214, 255



255, 202, 250

Sweetspot

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



168, 230, 160



234, 255, 232



230, 160, 168



115, 128, 113



0, 0, 0



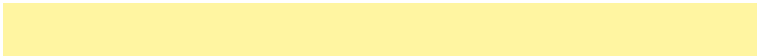
128, 128, 128

Same Dimension

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



168, 230, 160



172, 255, 161



160, 230, 187



104, 115, 103



21, 179, 0



6, 51, 0

Inverse Universe

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



160, 166, 230



161, 169, 255



187, 160, 230



103, 104, 115



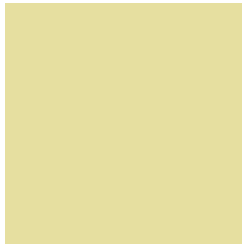
0, 16, 179



0, 5, 51

Previews

White Background



This preview shows how the RYB color 168, 230, 160 looks on a white background.

Color Contrast Check

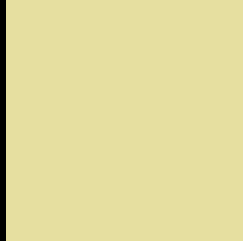
Large Text (above 18pt) WCAG AA × Fail

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 168, 230, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

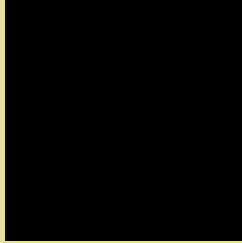
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

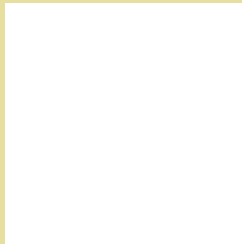
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 168, 230, 160 Background



This preview shows how black text looks on a background with the RYB color 168, 230, 160.



This preview shows how white text looks on a background with the RYB color 168, 230, 160.

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
168, 230, 160

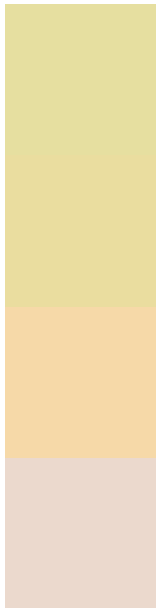
Protanopia
181, 237, 159

Deuteranopia
255, 251, 173



Tritanopia
238, 214, 230

Trichromacy



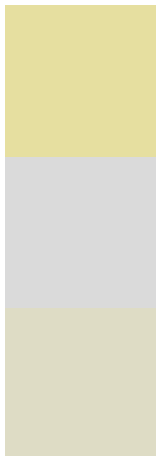
Original Color
168, 230, 160

Protanomaly
175, 234, 159

Deuteranomaly
214, 246, 168

Tritanomaly
235, 225, 205

Monochromacy



Original Color
168, 230, 160

Achromatopsia
218, 218, 218

Achromatomaly
199, 222, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 230, 160 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(230, 223, 160)` looks like.

```
.text, #text, p{  
    color:rgb(230, 223, 160)  
}
```

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(230, 223, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 223, 160) }
```

Border

The CSS property to change the border of an element to RYB 168, 230, 160 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(230, 223, 160) }
```

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

```
.border{ border-color:rgb(230, 223, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 223, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 223, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 223, 160);  
box-shadow:4px 4px 4px 4px rgb(230, 223,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 168, 230, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 223, 160) }
```

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

```
.background{ background-color: rgb(230,  
223, 160) }
```

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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