

Converting Colors

`RYB(140, 219, 164)`

Have a look what the booklet for
RYB(140, 219, 164) contains.

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Color

$\text{RYB}(140, 219, 164)$

Conversions

Conversions Part 1

Format	Color
Hex	C3DB8C
RGB	195, 219, 140
RGB Percent	76%, 86%, 55%
CMY	0.2353, 0.1412, 0.4510
CMYK	0.11, 0.00, 0.36, 0.14
HSL	78°, 52%, 70%
HSV	78°, 36%, 86%
XYZ	52.5708, 64.1586, 34.4240
YIQ	202.8180, 11.0550, -29.6570

Conversions

Conversions Part 2

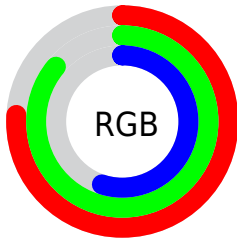
Format	Color
RYB	140, 219, 164
Decimal	12835724
CIELab	84.05, -20.81, 36.25
CIELCh	84, 41.799, 119.863
Yxy	64.1586, 0.3478, 0.4245
Android (android.graphics.Color)	4291025804 (0xFFC3DB8C)
YUV	202.8180, -30.9693, -6.8564
Hunter-Lab	80.0991, -23.0198, 30.5884

Details

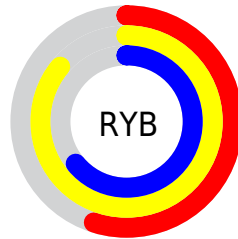
The RYB color **140, 219, 164** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **164, 140, 219**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **194, 255, 197**, and **89, 164, 113** is the 20% darker color. If you saturate the color by 10%, you get **118, 219, 149**, and if you desaturate by 10%, it is **162, 219, 179**.

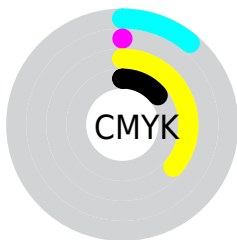
Distribution



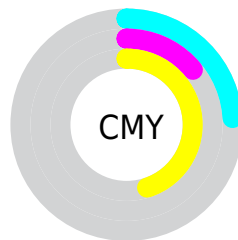
- Red (76%)
- Green (86%)
- Blue (55%)



- Red (55%)
- Yellow (86%)
- Blue (64%)



- Cyan (11%)
- Magenta (0%)
- Yellow (36%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 219, 164 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 140, 219, 164 by changing the saturation by 10% instead.

 140, 219, 164


255, 255, 255

 194, 255, 197

 223, 255, 223


 251, 255, 251

 140, 219, 164

 114, 191, 138

 89, 164, 113

 64, 138, 88

 40, 112, 64

 15, 88, 39

 0, 64, 24

 0, 42, 27

 0, 23, 23

 0, 0, 0

 140, 219, 164

 140, 219, 164

 118, 219, 149

 162, 219, 179

 96, 219, 133

 184, 219, 195

 74, 219, 118

 206, 219, 210

 52, 219, 103

 222, 219, 228

 31, 219, 88

 228, 219, 249

 9, 219, 73

 235, 219, 255

 0, 219, 67

 242, 219, 255

 248, 219, 255

 255, 219, 255

Harmonies

Analogous

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



170, 236, 130



140, 219, 164



148, 210, 227

Triad

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



140, 219, 164



89, 163, 255



255, 179, 211

Complementary

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



140, 219, 164



164, 140, 219

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, 186, 250



140, 219, 164



153, 191, 255

Square

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



140, 219, 164



58, 148, 248



214, 199, 255



255, 183, 172

Rectangle

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



140, 219, 164



115, 183, 230



214, 199, 255



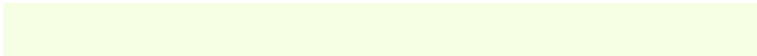
255, 181, 225

Sweetspot

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



140, 219, 164



227, 255, 236



219, 174, 140



111, 128, 117



0, 0, 0



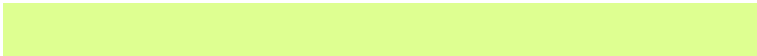
128, 128, 128

Same Dimension

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



140, 219, 164



145, 255, 178



140, 219, 203



99, 110, 103



0, 173, 52



0, 46, 14

Inverse Universe

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



164, 140, 219



179, 145, 255



203, 140, 219



102, 99, 110



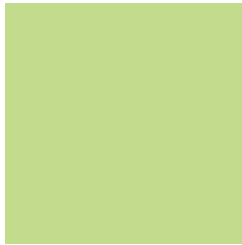
53, 0, 173



14, 0, 46

Previews

White Background



This preview shows how the RYB color 140, 219, 164 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 140, 219, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

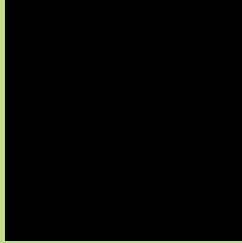
Any Text WCAG AA ✓ Pass

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](#).

RYP 140, 219, 164 Background



This preview shows how black text looks on a background with the RYP color 140, 219, 164.

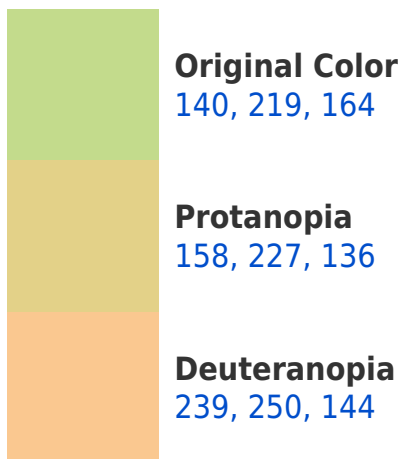


This preview shows how white text looks on a background with the RYP color 140, 219, 164.

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](#).

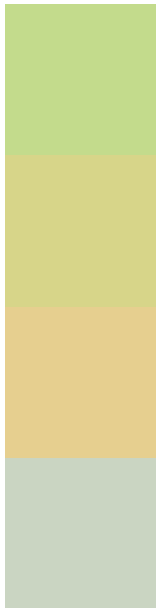
Dichromacy





Tritanopia
206, 209, 225

Trichromacy



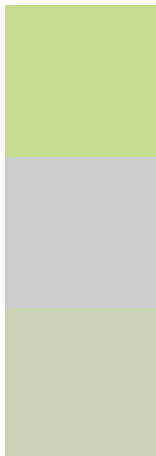
Original Color
140, 219, 164

Protanomaly
139, 215, 137

Deuteranomaly
174, 230, 143

Tritanomaly
194, 213, 205

Monochromacy



Original Color
140, 219, 164

Achromatopsia
203, 203, 203

Achromatomaly
180, 209, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 219, 164 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(195, 219, 140) looks like.

```
.text, #text, p{  
    color:rgb(195, 219, 140)  
}
```

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(195, 219, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 219, 140) }
```

Border

The CSS property to change the border of an element to RYB 140, 219, 164 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(195, 219, 140) }
```

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

```
.border{ border-color:rgb(195, 219, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 219, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 219, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 219, 140); box-shadow:4px 4px 4px 4px rgb(195, 219, 140) }
```

Background

The CSS property to change the background color of an element to RYB 140, 219, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 219, 140) }
```

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

```
.background{ background-color: rgb(195,  
219, 140) }
```

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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