

Converting Colors

`RYB(175, 224, 127)`

Have a look what the booklet for
RYB(175, 224, 127) contains.

RYB(175, 224, 127)	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, 224, 127)

Conversions

Conversions Part 1

Format	Color
Hex	E0C07F
RGB	224, 192, 127
RGB Percent	88%, 75%, 50%
CMY	0.1216, 0.2475, 0.5020
CMYK	0.00, 0.14, 0.43, 0.12
HSL	40°, 61%, 69%
HSV	40°, 43%, 88%
XYZ	53.3967, 55.0304, 27.8863
YIQ	194.1580, 39.9370, -13.4310

Conversions

Conversions Part 2

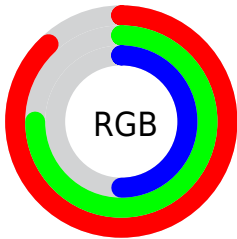
Format	Color
RYB	175, 224, 127
Decimal	14729343
CIELab	79.06, 2.83, 36.88
CIELCh	79, 36.992, 85.610
Yxy	55.0304, 0.3917, 0.4037
Android (android.graphics.Color)	4292919423 (0xFFE0C07F)
YUV	194.1580, -33.1089, 26.1714
Hunter-Lab	74.1825, -1.3349, 29.6398

Details

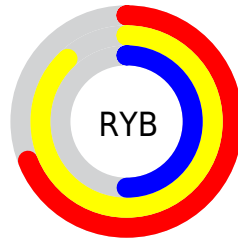
The RYB color **175, 224, 127** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **127, 151, 224**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **189, 255, 181**, and **118, 167, 77** is the 20% darker color. If you saturate the color by 10%, you get **165, 224, 105**, and if you desaturate by 10%, it is **187, 224, 149**.

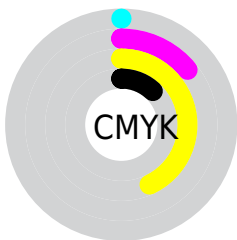
Distribution



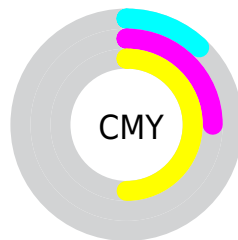
- Red (88%)
- Green (75%)
- Blue (50%)



- Red (69%)
- Yellow (88%)
- Blue (50%)



- Cyan (0%)
- Magenta (14%)
- Yellow (43%)
- Black (12%)



- Cyan (12%)
- Magenta (25%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 224, 127 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, 224, 127 by changing the saturation by 10% instead.

 175, 224, 127

255, 255, 255

 189, 255, 181


 208, 255, 208

 237, 255, 237

 175, 224, 127

 145, 195, 101

 118, 167, 77

 90, 139, 53

 63, 113, 29

 29, 86, 3

 25, 62, 0

 18, 36, 0


 0, 0, 0

 175, 224, 127


 175, 224, 127

 165, 224, 105


 187, 224, 149

 152, 224, 82

 197, 224, 172

 141, 224, 60


 209, 224, 194

 130, 224, 37

 220, 224, 217

 118, 224, 15

 224, 228, 239

 111, 224, 0

 224, 233, 255

 224, 236, 255

 224, 238, 255

 224, 240, 255

Harmonies

Analogous

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



251, 203, 140



175, 224, 127



133, 203, 147

Triad

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



175, 224, 127



76, 147, 224



235, 177, 235

Complementary

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



175, 224, 127



127, 151, 224

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.



193, 189, 255



175, 224, 127



91, 159, 252

Square

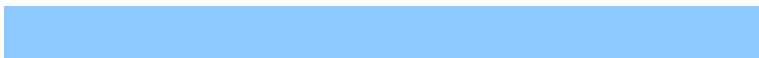
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



175, 224, 127



107, 168, 214



141, 180, 255



255, 170, 202

Rectangle

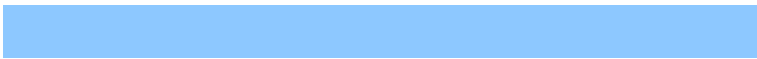
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



175, 224, 127



147, 208, 193



141, 180, 255



223, 181, 244

Sweetspot

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



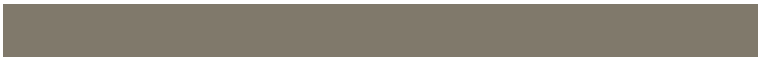
175, 224, 127



239, 255, 222



224, 127, 159



118, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



175, 224, 127



188, 255, 122



127, 224, 143



107, 112, 101



87, 176, 0



24, 48, 0

Inverse Universe

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



127, 151, 224



122, 155, 255



143, 127, 224



101, 104, 112



0, 44, 176



0, 12, 48

Previews

White Background



This preview shows how the RYB color 175, 224, 127 looks on a white background.

Color Contrast Check

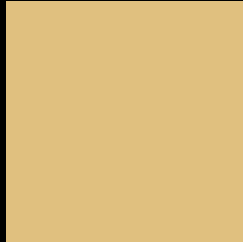
Large Text (above 18pt) WCAG AA × Fail

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, 224, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

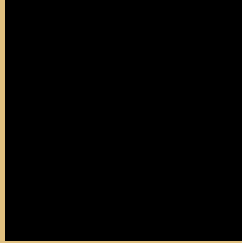
Any Text WCAG AA ✓ Pass

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, 224, 127 Background



This preview shows how black text looks on a background with the RYB color 175, 224, 127.



This preview shows how white text looks on a background with the RYB color 175, 224, 127.

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, 224, 127

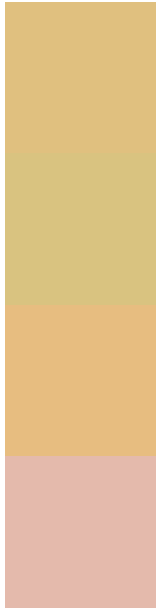
Protanopia
150, 213, 129

Deuteranopia
215, 235, 128



Tritanopia
231, 183, 197

Trichromacy



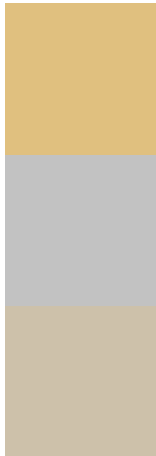
Original Color
175, 224, 127

Protanomaly
157, 217, 128

Deuteranomaly
199, 231, 128

Tritanomaly
228, 191, 172

Monochromacy



Original Color
175, 224, 127

Achromatopsia
194, 194, 194

Achromatomaly
188, 205, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 224, 127 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(224, 192, 127)` looks like.

```
.text, #text, p{  
    color:rgb(224, 192, 127)  
}
```

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(224, 192, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 192, 127) }
```

Border

The CSS property to change the border of an element to RYB 175, 224, 127 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(224, 192, 127) }
```

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

```
.border{ border-color:rgb(224, 192, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 192, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 192, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 192, 127); box-shadow:4px 4px 4px 4px rgb(224, 192, 127) }
```

Background

The CSS property to change the background color of an element to RYB 175, 224, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 192, 127) }
```

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

```
.background{ background-color: rgb(224,  
192, 127) }
```

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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